

COE COLLEGE,

CEDAR RAPIDS,

IOWA.



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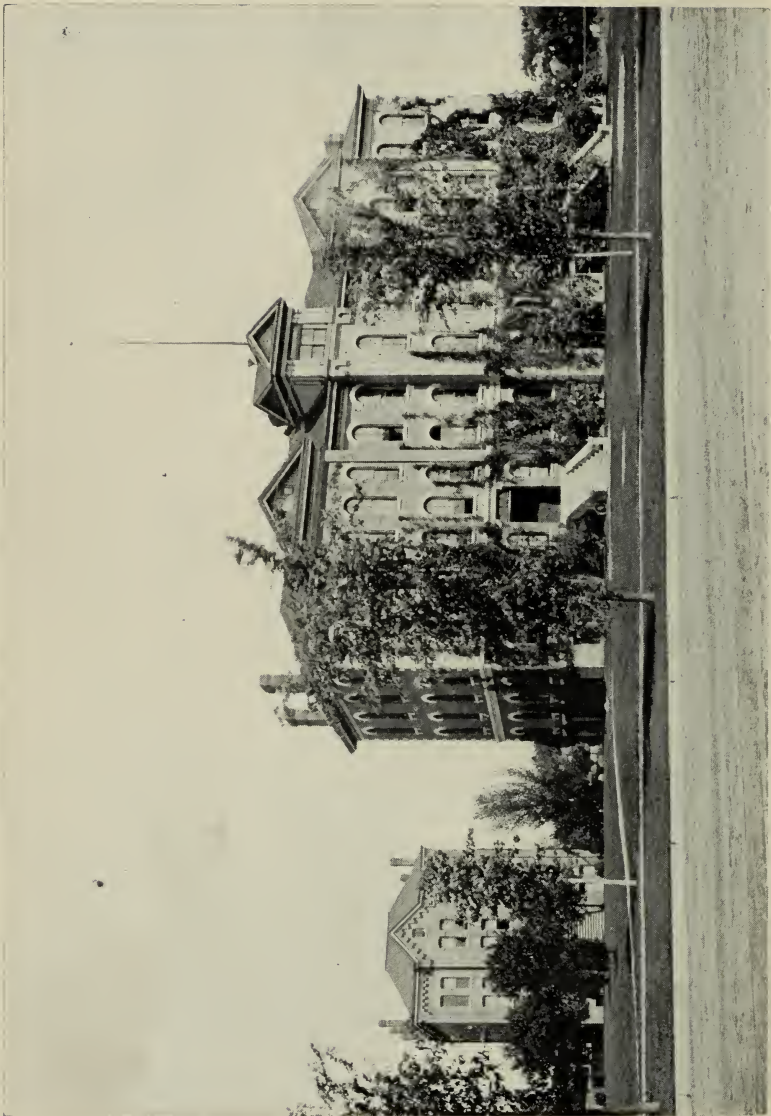
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ANNUAL CATALOGUE

OF

GOE COLLEGE

FOR THE

SEVENTEENTH YEAR

1897-1898.

CEDAR RAPIDS, IOWA.
THE RECORD PRINTING CO.

1898. *mv*

COLLEGE CALENDAR.

1897.

SEPT. 15, Wednesday, Fall Term begins. Registration of Students.
SEPT. 16, Thursday, Class Work begins.
NOV. 25, Thanksgiving Day.
DEC. 16-21, Term Examinations.
DEC. 21, Tuesday, Term ends.

1898.

JAN. 4, Tuesday, Winter Term begins. Registration of Students.
JAN. 5, Wednesday, Class Work begins.
JAN. 27, Thursday, Day of Prayer for Colleges.
MARCH 11, Friday, The Carlton Society Graduating Exercises.
MARCH 18, Friday, The Olio Society Graduating Exercises.
MARCH 18-23, Term Examinations. Term ends.
MARCH 29, Tuesday, Spring Term begins. Registration of Students.
APRIL 8, The Alpha Nu Society Graduating Exercises.
APRIL 15, The Sinclair Society Graduating Exercises.
MAY 12, Commencement Theses due.
MAY 26-30, Senior Examinations.
JUNE 3-7, General Examinations.
JUNE 3, Friday, Coe College Glee Club Annual.
JUNE 4, Saturday, Field Day.
JUNE 5, Sunday, 10:30 a. m., Baccalaureate Sermon by President.
JUNE 5, Sunday, 8 p. m., Sermon before the Christian Associations.
JUNE 6, Monday, Dows' Essay Prize Contest and Junior Exhibition.
JUNE 7, Tuesday, Class Day Exercises.
JUNE 7, Tuesday, at 8 p. m., Bever Oratorical Prize Contest.
JUNE 8, Wednesday, Alumni Day. Meeting of the Board of Trustees.
JUNE 9, Thursday, Annual Commencement.
JUNE 9, Thursday Evening, President's Reception.
SEPT. 14, Wednesday, Fall Term begins. Registration of Students.
SEPT. 15, Thursday, Class Work begins.
SEPT. 18, Coe College in the Churches.
OCT. 11, Meeting of the Board of Trustees.
NOV. 24, Thanksgiving Day.
DEC. 9, Home Oratorical Contest.
DEC. 19-23, Term Examinations. DEC. 23, Friday, Term ends.

COLLEGE CALENDAR.

1899.

JAN. 3, Tuesday, Winter Term begins. Class work begins.
JAN. 6, Announcement of Subjects for Prize Orations and Essays.
JAN. 26, Thursday, Day of Prayer for Colleges.
MARCH 10, Friday, The Sinclair Society Graduating Exercises.
MARCH 17, Friday, The Alpha Nu Society Graduating Exercises.
MARCH 17-22, Term Examinations. MARCH 22, Wednesday, Term ends.
MARCH 28, Tuesday, Spring Term begins. Class Work begins.
APRIL 7, The Carlton Society Graduating Exercises.
APRIL 14, The Olio Society Graduating Exercises.
MAY 6, Prize Orations due.
MAY 12, Commencement Theses due.
MAY 15, Prize Essays due.
MAY 29-31 Senior Examinations.
JUNE 1-5, General Examinations.
JUNE 1, Thursday, 8 p. m., Coe Academy Entertainment.
JUNE 2, Friday, Coe College Glee Club Annual.
JUNE 3, Saturday, Field Day.
JUNE 4, Sunday, 10:30 a. m., Baccalaureate Sermon by President.
JUNE 4, Sunday, 8 p. m., Sermon before the Christian Associations.
JUNE 5, Monday, 8 p. m., Dows' Essay Contest and Junior Exhibition.
JUNE 6, Tuesday, Examination for Admission
JUNE 6, Tuesday, 9 a. m., Meeting of the Board of Trustees.
JUNE 6, Alumni Day.
JUNE 6, 3 p. m., Class Day Exercises.
JUNE 6, 8 p. m., Bever Oratorical Prize Contest.
JUNE 7, Wednesday, 10 a. m., Annual Commencement.
JUNE 7, Afternoon, Alumni Banquet and Reunions.
JUNE 7, 5 p. m., President's Reception.

SUMMER VACATION.

Session of 1899 and 1900 begins.

SEPT. 13, Wednesday, Fall Term begins. Registration of Students.

TRUSTEES OF COE COLLEGE.

Rev. E. H. Avery, D. D.,	-	-	-	President of the Board
Mr. C. B. Soutter,	-	-	-	Vice President of the Board
Mr. John S. Ely, A. B.,	-	-	-	Secretary
Mr. J. C. Broeksmit,	-	-	-	Treasurer
Mr. N. K. Beechley, A. M.,	-	-	-	Assistant Treasurer

1898.

Rev. E. H. Avery, D. D.,	-	-	-	-	Vinton, Iowa
Rev. E. R. Burkhalter, D. D.	-	-	-	-	Cedar Rapids, Iowa
Mr. John S. Ely,	-	-	-	-	Cedar Rapids, Iowa
Mr. C. B. Soutter,	-	-	-	-	Cedar Rapids, Iowa
Mr. George Horridge,	-	-	-	-	Vinton, Iowa
Mr. C. J. Ives,	-	-	-	-	Cedar Rapids, Iowa

1899.

Mr. George B. Douglas,	-	-	-	-	Cedar Rapids, Iowa
Mr. George W. Wynn,	-	-	-	-	Cedar Rapids, Iowa
Mr. J. C. Broeksmit,	-	-	-	-	Cedar Rapids, Iowa
John F. Ely, M. D.,	-	-	-	-	Cedar Rapids, Iowa
Rev. David S. McCaslin, D. D.,	-	-	-	-	Cedar Rapids, Iowa
Mr. P. C. Frick,	-	-	-	-	Cedar Rapids, Iowa

1900.

Mr. John Sinclair,	-	-	-	-	New York City, New York
Mr. C. J. Deacon,	-	-	-	-	Cedar Rapids, Iowa
Hon. James Wilson,	-	-	-	-	Washington, D. C.
Mr. C. G. Greene,	-	-	-	-	Cedar Rapids, Iowa
Mr. W. S. Cooper,	-	-	-	-	Cedar Rapids, Iowa
Mr. J. S. Alexander,	-	-	-	-	Marion, Iowa

STANDING COMMITTEES.

EXECUTIVE COMMITTEE.

C. B. SOUTTER, J. S. ALEXANDER,
GEO. B. DOUGLAS, C. J. DEACON, J. C. BROEKSMIT,
P. C. FRICK, C. G. GREENE.

FINANCE COMMITTEE.

C. B. SOUTTER, P. C. FRICK, J. S. ELY.

BUILDINGS AND GROUNDS.

W. S. COOPER, C. G. GREENE, N. K. BEECHLEY.

CURRICULUM COMMITTEE.

E. R. BURKHALTER, D. S. McCASLIN, S. B. McCORMICK.

LIBRARY COMMITTEE.

C. J. DEACON, G. W. WYNN, JAMES WILSON.

HONORARY DEGREES.

E. H. AVERY, E. R. BURKHALTER, — D. S. McCASLIN.

THE FACULTY.

REV. S. B. McCORMICK, A. M., D. D., PRESIDENT,
Mental and Moral Science and Political Economy.

REV. ROBERT A. CONDIT, A. M., DEAN,
The Ancient Languages and Literature.

MISS ALICE KING,
History, and English Literature.

CLINTON O. BATES, A. B., PH. D.,
Chemistry and Physics.

STEPHEN W. STOOKEY, Sc. M.,
Biological Sciences.

L. R. ASH, B. C. E. and B. E. E.,
Mathematics, and Head Master of Academy.

MISS M. LEEB,
The Modern Languages and Literature.

MISS IDA M. DODD,
Instructor in Academy.

E. M. C. EZERMAN,
Professor of Music.

MISS BERTHA AVIS GRAY,
Elocution and Physical Culture.

PROFESSOR STOOKEY,
Secretary of the Faculty and Curator of Museum.

PROFESSOR ASH,
Assistant Treasurer.

THE COLLEGE AND ITS HISTORY.

Coe College had its origin in a school which the Rev. Williston Jones, pastor of the First Presbyterian church, Cedar Rapids, Iowa, opened in his own house in 1851. Soon thereafter was organized the corporation called "Cedar Rapids Collegiate Institute," with George Greene, president; Sampson C. Bever, treasurer; David Blakely, secretary, and the following persons as directors: William Jones, John F. Ely, Wm. E. Smith, Seymour D. Carpenter, Addison Daniels, Isaac Cook, Wm. Greene, John L. Shearer, and Aaron Van Doran.

In 1853 the Rev. Williston Jones presented to the board of directors an instrument of writing, signed by Daniel Coe, of the county of Greene, of the state of New York, making a conditional donation to the institute of the sum of fifteen hundred dollars, for the purpose of evangelical education in the West. Dr. John F. Ely, Dr. S. D. Carpenter, Isaac Cook, James Ferguson and Rev. Williston Jones were appointed to fulfill the conditions of the grant.

The history of the growth of higher education in Cedar Rapids began with the labors of the above named gentlemen. It has been carried on by some of them, who still live, and others like Rev. James Knox and Judge Greene and Thomas M. Sinclair, who have passed away. Some of the most prominent citizens of Cedar Rapids today are giving their best efforts, both in counsel and money, for the enlargement and permanency of the college.

"The Coe Donation" and the "Parsons Legacy" figure largely in the history of the establishment of a seminary of learning. They were an inspiring force for years, expressed in the successive stages of "Cedar Rapids Collegiate Institute," and finally "Coe College."

In 1881, in accordance with the laws of the state of Iowa, Coe College was chartered with full power to confer honors, degrees and diplomas, such as are granted by any college or university in the United States.

The corporation consists of a board of trustees, eighteen in number, six of whom are chosen annually, each serving a term of three years.

The college is under the oversight of the Presbyterian Synod of Iowa. In 1879 the Rev. Stephen Phelps, D. D., was chosen the first president. He resigned in 1886, and in 1887 the Rev. James Marshall, D. D., of New York, was chosen his successor, and continued in that position until his death in September, 1896. In 1897 the present incumbent was chosen as the successor of Dr. Marshall.

The immediate government and direction of the affairs of the college are vested in the faculty, who are empowered by the board of trustees to determine the subjects and methods of study, and to make such rules and regulations as may be deemed necessary for the best interests of the college.

ADMISSION.

All candidates for admission to the college must present testimonials of good moral character; and if the candidate has been a student in another college or university, he must

present a certificate of honorable dismissal from that institution.

ADMISSION BY CERTIFICATE.

Students coming from any school which complies substantially with the conditions set forth in the following report of the College Unification Committee will be admitted as to the studies he has pursued in such school, to the Freshman class without examination. Such students will, on the day of registration, present their grades certified to by the teachers of the schools whence they come and will be considered on probation, as to their scholarship, for the period of one term. This report is as follows:

“It is likely that after 1898 a list of accredited high schools uniform for all the colleges of the state will be made on the basis of the report made to the last State Teachers’ Association by the committee on the unification of college entrance requirements. It is expected that the course of study which will entitle a high school to a place upon this list must be not less than four years of thirty-six weeks in length, following the usual elementary course of eight years. The students in said course must not have more than four recitations daily, and the time of at least two teachers must be given exclusively to instruction in high school branches.”

ADMISSION BY EXAMINATION.

Entrance examinations will be held at the college on Tuesday of Commencement week and on the first two days of each term, on which days students should present themselves in the president’s office at 9 a. m. Where it is possible, advantage should be taken of the earlier date, thus securing the vacation in which to make up any deficiencies.

FRESHMAN ENTRANCE REQUIREMENTS.

CLASSICAL COURSE.

I. LATIN.

1. Grammar, including Prosody. Allen and Greenough; Roman pronunciation.
2. Latin composition. (a) Collar and Daniell's First Book; (b) Jones' Latin Prose Composition or equivalent.
3. Caesar. First four books of the Gallic war.
4. Cicero. Six orations, including the four against Catiline and those for Archias and the Manilian law. A portion of Ovid or Sallust may be substituted for two orations of Cicero.
5. Vergil's Aeneid. Six books; prosody of hexameter verse.

II. GREEK.

1. Grammar. Goodwin.
 2. White's First Lessons.
 3. Greek composition. Simple sentences.
 4. Xenophon. First two books of Anabasis.
 5. Herodotus. Selections from Books VII and VIII.
- Cooke.

NOTE.—Since few high schools are prepared to teach Greek, students are permitted to classify in the Freshman class, taking the Greek with the preparatory class.

III. MATHEMATICS.

1. Arithmetic. Entire, including metric system; White.
2. Algebra. Through quadratic equations; Wentworth or Wells.
3. Geometry. Plane, solid and spherical; Wentworth.

IV. ENGLISH.

1. Grammar.

2. Rhetoric and Composition; Hart. The student must be able to apply the principles of the language accurately and each will be required to write a brief composition on some assigned subject. The subject will be taken from one of the works mentioned under 3.

3. English classics. A thorough study of the following:

1898.

Lowell, "Vision of Sir Launfal;"
Longfellow, "Courtship of Miles
Standish;" Scott, "Ivanhoe;"
Webster, "Reply to Hayne;"
Shakespeare, "Julius Cæsar;"
Irving, "The Sketch Book."

1899.

Scott, "Marmion;" De Quincey,
"Flight of a Tartar Tribe;"
Shakespeare, "Merchant of Ven-
ice;" Tennyson, "The Princess;"
Webster, "Bunker Hill Oration;"
Addison, "De Coverly Papers."

V. HISTORY.

1. United States history.
2. Civil Government, Mowry.
3. Oriental Monarchies, Myers.
4. History of Greece, Myers.
5. History of Rome, Myers.

VI. SCIENCE.

1. Physiology. Martin's Human Body, Shorter Course.
2. Geography. Physical and political.
3. Physics. Avery's Elements.
4. Botany. Gray's Lessons or Bergen's Elements.

PHILOSOPHICAL COURSE.

The requirements for admission are the same as in the Classical course, except that German takes the place of Greek as follows:

VII. GERMAN.

1. Preparatory German, by Edgren and Foster; reading; grammar.
2. Andersen's Maerchen; Super.
3. Das edle Blut; Wildenbruch.
4. Storm's Immensee.
5. Hillern's Hoeher als die Kirche.
6. Baumbach's Die Nonna.

SCIENTIFIC COURSE.

The same requirements as in the Philosophical, except that for the work in Cicero and Virgil the following course in French is substituted:

VIII. FRENCH.

1. Grammar and reading; Chardenal's grammar.
2. French reader; Super.
3. Bigareau, by Theurier.
4. Le Duc de Beaufort, Alex. Dumas.

NOTE.—Where students come from schools where French or German is not taught, satisfactory arrangements will be made.

ADMISSION FROM OTHER COLLEGES.

Students from other colleges whose curriculum is substantially the same as our own may be admitted to corresponding standing in Coe, upon presentation of a certificate of dismissal, stating that they were in good and regular standing. Such persons will not be admitted later than the first term of the Senior year.

ADMISSION TO ADVANCED CLASSES.

Admission to an advanced class by examination is conditioned on the candidate's having completed all the studies pursued by that class in regular course. But this does not necessarily mean the same text books or authors but what may be accepted as a full equivalent. Such students can not be admitted later than the beginning of the Senior year.

ADMISSION TO PARTIAL COURSE.

Those who are not candidates for a degree may, without examination, join any class for which it is found their attainments fit them, and thus pursue a partial course.

ENROLLMENT.

Students desiring to enter any department of the institution will meet the classification committee at the college on registration day. All bills for tuition should be paid in advance to the acting assistant treasurer, and for board, if the students board at Williston Hall. They will then be enrolled as members of the institution by the secretary of the faculty, on presentation of receipts from treasurer.

COURSES OF STUDY.

There are three Courses of study—the Classical, the Philosophical, and the Scientific, each leading to a degree and each extending through four years. These three differ in the Freshman and Sophomore years. In the Junior and Senior years they are substantially alike in what is required and in the presenting the same electives from which to choose. The studies are divided into two classes: (1) Re-

quired, which are regarded as fundamental and essential to a liberal education. Most of the studies of the Freshman and Sophomore years are of this class. (2) Elective, all of which are not indispensable and are, within limits, left to the student's choice. The course is so arranged that in the Junior and Senior years the electives occupy the larger place. These present a wide field from which to choose and permit the accomplishment of the double purpose of meeting the college requirements and of enabling the student to follow his own aptitudes and further his preparation for his chosen profession.

I. The Classical Course.

Latin, Greek, Mathematics, Philosophy, the Sciences, German and English. This course leads to the degree of Bachelor of Arts.

II. The Philosophical Course.

This includes in general the same studies as the Classical, except that German is substituted for the Greek language. This Course leads up to the degree of Bachelor of Philosophy.

III. The Scientific Course.

This Course eliminates both Latin (except the preparatory) and Greek as required studies, and substitutes therefor French and German, with more extended work in the sciences. This course leads to the degree of Bachelor of Science.

IV. The Partial Course.

This is a fourth Course not leading to a degree, provided for those students unable or unwilling to pursue one of the

other courses. The design is to give such studies as may be of most practical benefit to those whose time in school is brief. These special students recite to the regular college professors and at the close receive a certificate showing the work accomplished.

OPTIONAL STUDIES.

Optional studies are also provided for in the course, but in order that a student may take such a study he must maintain a general average of eighty. These studies are designed for the benefit of those who may wish to extend their knowledge of certain subjects taken up in the regular course.

DEPARTMENTS OF INSTRUCTION.

A.—PHILOSOPHY AND POLITICAL SCIENCE.

THE PRESIDENT.

1. Psychology.

First term Junior year. Three hours each week. Ladd's Outlines of Descriptive Psychology. The aim is to give the student a knowledge of the laws and phenomena of the mind as well as to cultivate the power of thought.

2. Logic.

Second term Junior year. Three hours weekly. Jevons'. Effort is made to give the student not only a thorough knowledge of logic as a science but to apply the syllogism to the forms of deductive reasoning and to make a thorough test of the knowledge acquired by the use of logical examples.

3. Ethics.

Third term Junior year. Three hours weekly. Hopkins' Ethics is the book used, but reference is made to other works, in order that the student may be made acquainted with the leading systems of ethics and also get a clear conception of the basis of obligation and the fundamental principles of morality.

4. Christian Evidences.

Hopkins. One recitation each week during the Junior year is given to this subject. A complete outline of the evidence upon which the Christian system rests is attempted. The greatest care is exercised that the student be thoroughly grounded in the arguments for Theistic and Christian belief with a view to strengthening the foundations of Christian faith.

5. History of Philosophy.

Fall and winter terms, Senior year. Two hours each week. Schwegler, with lectures and assigned readings. A survey is made of ancient philosophy from Thales to Aristotle, and of modern philosophy from Descartes to Hegel.

6. Butler's Analogy or Lectures on the Relation of the Bible to Modern Thought.

Spring term, Senior year. Two hours weekly.

7. Political Economy, and Social Science.

Fall and winter terms, Senior year. Two hours weekly. Walker's Political Economy, advanced course, and Ely's Outlines of Economics. Throughout the whole course practical economic and sociological questions are discussed. Be-

sides the study of the historical development of the science, special attention is paid to such subjects as Money, Banking, Taxation, Labor Problems and Christian Socialism.

8. Jurisprudence.

First book, Pollock. Elective.

9. The Bible.

(a) The Old Testament is studied throughout the Freshman year one hour weekly. In this study primary reference is had to the history, but emphasis is also laid upon certain Bible characters and epochs and upon the spiritual power and literary beauty of the Old Testament Scriptures.

(b) The New Testament is studied throughout the Sophomore year one hour weekly. It is expected that the student will gain a full and accurate knowledge of the life of our Lord and of the history of the early Church as found in the book of Acts. Study is also made of the Epistles, taking them in their historical connection.

B.—HISTORY.

MISS ALICE KING.

To the study of history Coe College would give the high rank it deserves, both as a mental discipline and a necessary part of a finished education, and it is believed that the courses here outlined will lead not only to a knowledge of prominent historic events and personages, but also to a scholarly view of the great themes of universal history, and a high order of mental culture.

1. **Mediaeval History.**

This Course immediately follows the study of Roman history, and traces the migrations of the Gothic tribes, the empire of Charlemagne, the rise of Mohammedanism, the development of the Papacy, the Crusades, the Renaissance. Lectures are given by the students on assigned themes, and a system of note book work is carried out. Text books, Emerton or Duruy.

2. **History of England.**

This Course extends through two terms of the Sophomore year, Green's "Short History of the English People" or Gardiner's "History of England" being used as the text book. Readings from Froude, Macaulay and other historians are required, and also several of Shakespeare's historic dramas.

3. **Modern History.**

This Course includes the history of Italy, Germany, Russia and Spain. It occupies the third term of the Sophomore year and is given chiefly by lectures and assigned readings.

4. **History of France.**

This Course begins in the Junior year and extends through two terms. The text book is Montgomery or Adams, but this is constantly supplemented by reference to other authorities, or lectures on separate personages or epochs.

5. **Contemporary History.**

This Course aims to give a summarized and general survey of present political conditions throughout the world. Lectures and readings.

6. History of Civilization.

This Course uses Guizot's "History of Civilization," and investigates the factors, social, political and religious, that have culminated in the civilization of modern Europe.

7. Philosophy of History.

This Course brings before the student the great problem of universal history, and discusses their rise and development among the nations of the earth. Hegel is the author followed.

8. Constitutional History of the United States.

This is a brief survey of our nation's history, with especial reference to its political and social development, and to the present conditions of our national life. Johnston is the author followed.

Courses 6, 7 and 8 all belong to the Senior year.

C.—LANGUAGE AND LITERATURE.

I.—The Greek Language.

PROFESSOR CONDIT.

The aim of the study of the Greek is, in the first place, to make thorough Greek scholars, and then to lead the student to an appreciation of the literary value and aesthetic culture of Greek literature. This literature is today a living power.

Selections are read during the course from Xenophon, Herodotus, Homer, Pindar, Aeschylus, Plato, Aristophanes, Demosthenes, Thucydides, Greek Testament.

1. Xenophon, *Anabasis*, III, IV.

Text book, Goodwin & White. Four periods weekly. Grammar and prose composition; Greek history of this period.

2. Herodotus.

Selections; sight reading. Text book, Merry. Four periods weekly. History; the Greek and Persian wars.

3. Homer, *The Iliad*, Books I, III.

4. Homer, *The Odyssey*, Books V, VIII.

Text book, Perrin. Four periods weekly. A study is made of the religion and social customs of those times, and of the Homeric characters as found in Gladstone's *Primer* and Jebb's *Homer*.

5. *The Memorabilia* of Xenophon.

Selections; sight reading. Text book, Winan's. Four periods weekly. The life, character and teachings of Socrates are considered in the reading of this work.

6. *Odes* of Pindar.

Text book, Seymour. Four periods weekly. A survey is taken of lyric poetry.

7. *Prometheus Vinctus*, Aeschylus.

Text book, Mather. Three periods a week. Elective in Junior year.

Or, *The Antigone* of Sophocles.

Text book, D'Ooge. Three periods a week. At this time the study of Greek tragedy is entered upon as found in Dr. Munk's work, translated by Verrall. Elective in Junior year.

8. *The Apology and Crito, Plato.*

Text book, Wagner. Three periods a week. In the study of this work there is an endeavor to bring out the high culture of the Greeks in literature and philosophy. Elective in Junior year.

9. *Aristophanes.*

Text book, Merry. Three periods a week. The history of Greek comedy is taken up in connection with this author. Elective in Junior year.

10. *Demosthenes, De Corona.*

Text book, Tyler. Three periods a week. In considering the orators and oratory of Greece, Bredif's Demosthenes is used as a text book. Elective in Senior year.

11. *Thucydides, Book I or VI.*

Text book, Morris. Three periods a week. Elective in Senior year.

12. *Greek Testament.*

The epistles of the Apostle Paul. Text book, Westcott & Hort. Three periods a week. History of the canon and manuscripts of the New Testament. Elective in Senior year. Students in the Philosophical and Scientific courses can elect Greek in the Junior and Senior years.

13. *Ancient Literature, Oriental and Classical.*

(1) This will include a study of the Hindo, Persian, Chinese, Chaldean, Assyrian and Egyptian literatures. Special attention will be given to Sanscrit literature and its riches in epic, lyric and dramatic poetry. Elective, first term of Senior year. Two periods weekly.

(2) In the second term there will be a consideration of

the later discoveries in Babylonia and Egypt as they have reference to the life and literature of those nations. Also a study of the monuments of Rome and Athens and of Roman and Grecian architecture. Elective, second term Senior year. Two periods weekly.

II.—Latin Language and Literature.

PROFESSORS CONDIT AND STOOKEY.

The aim in this department in the earlier part of the course is to train students in the grammar and syntax of the language. Then to lead them to a careful examination of the intellectual and moral condition of the Roman people.

The authors read are Cicero, Horace, Tacitus, Juvenal, Pliny, Plautus, Terence, Quintilian.

1. Cicero's *Cato Maior De Senectute*.

Text book, Rockwood. Four periods weekly. The Latin grammar is reviewed and thorough work done in Latin prose composition.

2. Livy, Books XXI and XXII.

Sight reading; prose composition; Roman history as it bears on the life and times of Livy; the Roman army and navy. Text book, Lord. Four periods weekly.

3. Odes and Epodes of Horace.

Text book, MacLeane. Three periods weekly. Sight reading; a study of the golden age of Latin literature and special written translations of assigned Odes.

4. Satires and Epistles of Horace.

Text book, Kirkland. Three periods weekly. Sight

reading; Roman Mythology; an investigation of the home and civic life of the Romans in the time of Horace.

5. Tacitus, *Germania* and *Agricola*.

Text book, Hopkins. Three periods weekly. Sight reading; Roman Architecture (Smith).

6. Juvenal's *Satires*.

Text book, Lindsay. Three periods weekly. History of Roman Satire; sight reading. Elective in Junior year.

7. Cicero, *Tusculan Disputations*.

Text book, Kellogg. Three periods weekly. Elective in Junior year.

8. Selections from the *Letters* of the Younger Pliny.

Text book, Westcott. Three periods weekly. Elective in Junior year.

9. Plautus, *Selected Plays*.

Text book, Ramsay. Three periods weekly.

Or, Terence, *Andria* and *Heuton Timorumenos*.

Text book, West. Development of Latin comedy. Elective in Senior year.

10. Quintilian *De Institutione*. *Oratoria Libri XII*.

Text book, Frieze. Three periods weekly. Study of Roman Oratory. Roman deliberative assemblies. Elective in Senior years.

11. Cicero, *De Natura Deorum*.

Text book, Stickney. Three periods weekly. Elective in Senior years.

III.—French Language and Literature.

MISS LEEB.

The modern languages are taught with a view to the best practical results. The object of learning these living languages, is not only to be able to speak and write them if possible, but also to be able to obtain the literature, the science, and the discussions of living questions of the day in these living tongues. The knowledge of the modern, like that of the ancient languages is obtained only through severe study. The grammar is absolutely essential to the true appreciation of any language; therefore the grammatical construction is kept constantly before the student. The best French and German authors are read to familiarize the pupils with the diction as well as with the thought that makes these tongues worthy of our study.

French is required as a preparatory study only in the Scientific course. Students wishing to take this course who come from schools in which French is not taught, will be admitted into the Freshman class and will take this study with the preparatory class.

French is a required study in the Freshman and Sophomore years in the Scientific course.

In the Junior and Senior years French is offered as an elective.

In the Classical course it may be elected instead of German by those who may prefer to do so.

Composition, Reading and Conversation continued through the entire course.

1. Grammar, Reading and Conversation.

Freshman, fall (three hours) and winter (two hours) terms. Muzzarelli's Academic Course.

L' Abbe' Constantin, Halevy.

2. La Princesse de Cleves, La Fayette.

Two hours, spring term.

3. Le Conscrit, Erckmann—Chatrian.

First term, Sophomore; three hours.

4. Les Miserables, Hugo.

Winter and spring term, Sophomore; three hours.

5. Balsac's Le Cure' de Tours.

Fall term, Junior; two hours.

6. Histoire de Charles XII, Voltaire.

Winter and spring term, Junior; two hours.

7. Readings from French History.

Fall term, Senior; two hours.

8. Sept Grands Auteurs du Dix-neuvieme Siecle Fortier.

Winter term, Senior; two hours.

9. Pecheur d' Islande, Loti.

Two hours, Spring term; Senior.

10. Grammar, Reading, Conversation.

Sophomore Alternative of Mathematics. Fall term, three hours weekly. Grammar, Muzzarelli's First Year, Whitney's Introductory French Reader.

11. L' Abbe' Constantin, Halevy.

Sophomore Alternative of Mathematics. Winter term three hours weekly.

12. *Le Conscrit*, Erckmann—Chatrian.

Sophomore Alternative of Mathematics. Spring term, three hours weekly.

IV.—German Language and Literature.

MISS LEEB.

In the Classical Course German is required during the Junior year, three hours per week and is continued as an elective or double elective during the Senior years, two hours per week.

In the Philosophical and Scientific courses an elementary knowledge of German is required as a condition of admission to the Freshman class. Where the student comes from a school which does not provide it, he will in these courses be conditioned in German. The required work in the college continues through the Freshman year, three periods a week, and Sophomore year, four periods a week. In the Junior and Senior years German is elective.

Grammar, written work and conversation continue through the whole course.

Grammar, Written Work and Reading.

Collar's Eysenbach. *Novelletten Bibliothek*, first part. All term, Freshman; four hours.

Novelletten Bibliothek, part second, Bernhardt.

Winter term, Freshman; four hours.

Wilhelm Tell, Schiller.

Spring term, Freshman; four hours.

Selections from Rossegger's *die Waldheimat*.

Fall term, Sophomore; four hours.

5. *Soll und Haben*, Freytag, Bernhardes Composition.

Winter and spring, Sophomore; four hours.

6. *Ekkehard*, Von Scheffel.

Fall and winter terms, Junior; two hours, elective.

7. *Maria Stuart*, Schiller.

Spring term, Junior; three hours, elective.

8. *Goethe's Italienish Reise*, Beresford-Webb.

Fall term, Senior; two hours, elective.

9. *Hermann und Dorothea*, Goethe.

Winter term, Senior; two hours, elective.

10. *Emelia Galotte*, Lessing.

Spring term, Senior; two hours, elective.

11. *Grammar*.

Collar's, Eysenbach German Reader, Van Daell. Junior Classical; fall term, three hours.

12. *Immensee*, Theodore Storm.

Junior Classical; winter term, three hours.

13. *Wilhelm Tell*, Schiller.

Junior Classical; spring term, three hours.

V.—English Language and English Literature.

MISS ALICE KING.

In this department it is the aim to give a thorough knowledge of the English language and a true appreciation of literary methods.

1. Rhetoric.

The principles having been already acquired, the student takes up in the Freshman year, an advanced line of study. The preparation of outlines, abstracts, paraphrases and other forms of rhetorical expression is required. Descriptive and Narrative writing is done, and examples of these literary types are read. In the Sophomore year Exposition, Argumentation, and Oratory are made the subjects of careful analysis, with the reading and criticism of illustrative selections, including some special study of American authors. Genung's Rhetoric and Cairn's "Forms of Discourse" are the text books.

2. English Literature.

This course begins in the Junior year. Its purpose is to lay a broad foundation for the systematic study of English literature by arousing a taste for literary work and preparing for future research and practice. The course outlines historically the development of English literature, and shows how it was influenced by English life and morals. Representative writers are critically studied. Brooke's English Literature is the text book used.

3. Elizabethan Era.

This course consists essentially of the study of the drama, its principles and methods. Some of Shakespeare's plays are read, and critical essays on their themes and characters prepared by the class.

4. Queen Anne Period.

In this course Pope, Addison and other authors are carefully read, with special reference to the development of the Essay as a literary type.

5. Literary Criticism.

In this course McLaughlin's "Literary Criticism" and Lewes' "Elements of Success in Literature" serve as a basis for the discussion of literary principles and their application in the interpretation of literary productions.

6. Continental Literature.

This course presents the great works of continental literature in a series of lectures. The subjects vary with different years. During 1898 Italian and French literatures have been the ones chiefly considered.

7. Nineteenth Century Literature.

The design of this course is to bring before the student the literary characteristics of his own time. It treats of such forms and such writers as have been most influential during the present century, and the tendencies of the English literature of today.

8. American Classics.

This Course requires the reading and study of such forms of American Literature as illustrate literary types.

Courses 5, 6, 7 and 8 belong to the Senior year.

VI. —The Hebrew Language and Literature.

DR. BURKHALTER.

Students intending to study for the Christian ministry may elect Hebrew, three periods a week during the Senior year. It is exceedingly important that this amount of preparation be made before entering the Seminary. Rev. E. R. Burkhalter, D. D., pastor of the First Presbyterian church, Cedar Rapids, will have charge of this work.

D.—MATHEMATICS AND SCIENCE.

I.—Mathematics.

PROF. ASH.

STATEMENT.

In the teaching of this branch, every effort is made to train the student to think for himself. A blind following of the text book is discouraged. The work required is designed to thoroughly ground the student in the fundamentals of the subject and thus prepare him for advanced study.

Besides the required work, elective courses are offered for those who desire them and are prepared to take them, provided a sufficient number take the work to justify the forming of a class. Following are the courses offered.

1. Algebra.

This subject is studied during the fall and winter terms, Freshman year. Quadratics are hurriedly reviewed and then special attention is given to the following: Ratio and proportion, progressions, binomial theorem, undetermined coefficients, series, logarithms, permutations and combinations, probability, theory of equations and solution of higher equations. Four and five hours per week. Text book, Wells College Algebra.

2. Trigonometry and Surveying.

(a) Plane Trigonometry is given in the spring term, Freshman year. Trigonometric functions are given special attention and then the principles are applied to the solution of numerous problems which are practical in nature, involv-

ing right and oblique triangles. Some time will be given to trigonometric series and the method of constructing tables. Four hours weekly.

(b) In the Fall term, Sophomore year, Spherical Trigonometry and Surveying will be studied. Discussion of formulae and the solution of numerous problems showing its application to astronomy will receive special attention. In the Surveying it is hoped that quite a good deal of field work may be accomplished. The department is supplied with transit, chains, etc., by which data may be obtained in the field and then plotted and estimated. Three hours weekly. Text books, Wentworth's Trigonometry and Carhart's Surveying.

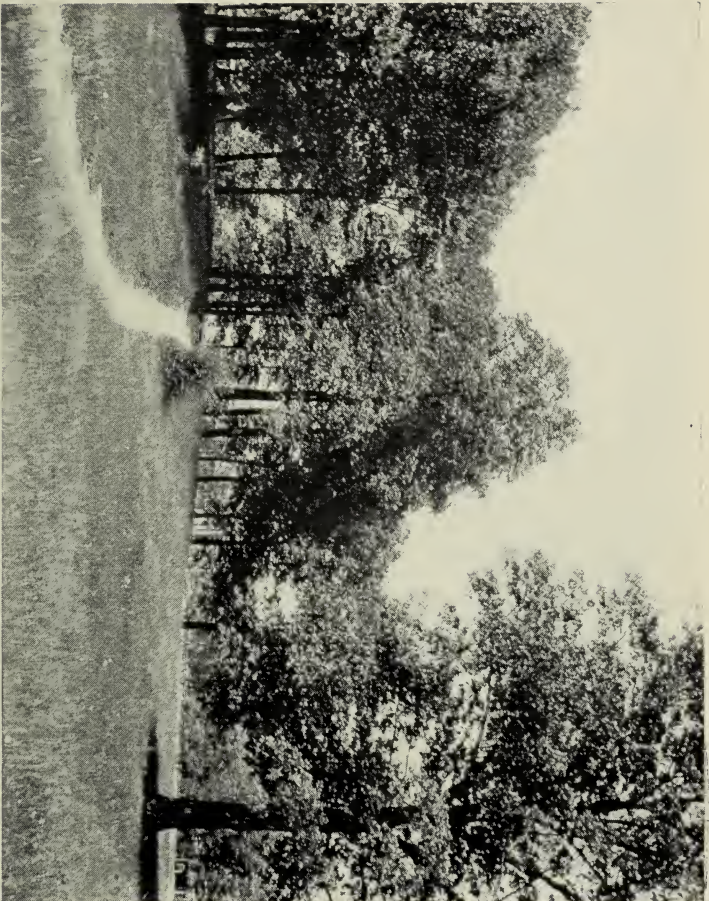
3. Analytical Geometry.

Winter and spring terms. The Cartesian and Polar systems of coordinates, transformation of coordinates, the straight line, the circle, the parabola, the ellipse and the hyperbola will be studied. The general equation of the second degree and some of the more important higher plane curves will be taken up. Three hours weekly. Text book, Nichols.

4. Calculus.

Calculus will be studied throughout the Junior year. Those students may take it who have completed courses 1, 2 and 3. Thorough drill will be given in the differentiation of algebraic and transcendental functions after which the various methods of integration will be discussed. The power and usefulness of this important branch will be illustrated by numerous problems. Three hours weekly. Text books, Taylor and Osborne.

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5. Mechanics.

Elements of Mechanics, Wright. Three hours weekly, winter and spring terms; Senior year. The course covers kinematics, statics, work, energy, dynamics, etc.

6. Astronomy.

Three hours weekly, Senior year; fall term. Text book, Young. A study is made of astronomical coordinates. Planets are studied in detail; motions, physical properties, etc., comets and meteoric bodies, eclipses; application of astronomy to navigation.

II.—Physical Science.

PROFESSOR BATES.

1. Chemistry.

Three years' work is offered in Chemistry.

The first year's work consists of a study of General Chemistry and Qualitative Analysis. It is required in the Sophomore year of all courses.

The second year is given to the principles and methods of Quantitative Analysis, and is designed to give a thorough training in the best analytical processes. This course is elective and is open only to those who have taken the first year's work or its equivalent.

The third year is given to Organic Chemistry, and is designed not only to give a general idea of the scope and structure of organic compounds, but also to meet the wants of those who wish to prepare for medicine or pharmacy.

This Course is elective. It must be preceded by the first year's work, but may or may not be preceded by the second year's work.

The following is a brief synopsis of the work:

(a.) **General Chemistry and Qualitative Analysis.**

i. **General Chemistry.**

The work in General Chemistry consists of lectures and recitations, and laboratory work, giving special attention to the non-metals. The elements are studied with reference to their history, occurrence, properties, and principal compounds. Problems are introduced to verify the molecular theory, and to illustrate the effects of heat and pressure on gases.

Two hours per week for lectures and recitations. Three hours per week for laboratory work. Text books, Remsen or Williams. Fall term.

ii. **Qualitative Analysis.**

Attention is given to the theory of valence, chemical equations, principles of grouping, separating, and identifying the common metals.

One hour per week for recitations. Four hours per week for laboratory work. Text book, Bates' Introduction to Qualitative Analysis. Winter term.

iii. **Qualitative Analysis.**

Attention is given to the principles of grouping, separating and identifying metals and acids, and to the chemical reactions involved.

Each student analyzes at least thirty unknowns. Each unknown has from one to seven compounds.

One hour per week for recitations. Four hours per week for laboratory work. Spring term.

Text books, Bates' Introduction to Qualitative Analysis; Prescott & Johnson's Qualitative Analysis.

b.) Quantitative Analysis.

i. Laboratory work in gravimetric and volumetric determinations. Sanitary and technical analysis of water.

Six hours per week for laboratory work; one hour per week for lectures and recitations. Fall term, Junior year.

Text book, Cheever's Quantitative Analysis.

ii. Laboratory work in the analysis of clays, limestones, fertilizers, Kjeldahl method of estimating nitrogen, etc.

Six hours per week for laboratory work; one hour per week for lectures and recitations. Winter term, Junior year.

Text books, Cheever's Quantitative Analysis; Sutton's Volumetric Analysis; Crooke's Select Methods, etc.

iii. Laboratory work in gas analysis, the preparation of pure inorganic compounds. Theoretical chemistry, collateral reading, history of chemistry, etc.

Six hours per week for laboratory work; one hour per week for lectures and recitations. Spring term, Junior year.

Text books, Sutton's Volumetric Analysis; Venable's History of Chemistry, etc.

c.) Organic Chemistry.

i. Lectures and recitations in the paraffin series. Laboratory work in the preparation of organic compounds and their derivatives, special attention being given to the preparation and purification of the more ordinary compounds such as chloroform, iodoform, ether, etc.

Two hours per week for recitations; four hours per week for laboratory work. Fall term, Senior year.

Text book, Remsen or Bernthsen.

ii. Laboratory work in the preparation of organic compounds. Lectures and recitation in the paraffin and benzen series; collateral reading. Winter term, Senior year.

Text book, Remsen or Bernthsen.

iii. Lectures and recitations in the benzen series. Preparation organic compounds. Thesis.

Two hours per week for lectures and recitations; four hours per week for laboratory work. Spring term, Senior year.

Text book, Remsen or Bernthsen.

2. Physics.

This work is taken by the Juniors in all Courses. The time spent is two hours per week for lectures and recitations, and three hours per week for laboratory work throughout the year.

As far as possible each subject is illustrated by experiment. For this purpose there is in use a large stereopticon with lime light, air pumps, apparatus for sensitive flame, manometric flame, chemical balances, micrometer calipers, calorimeters, spherometers, voltmeter, ammeters, Wheatstone bridge, etc.

(a.) Mechanics and Sound.

Attention is given to the general principles of Mechanics, including the universal and characteristic properties of matter, fundamental units, dimensional equations, simple harmonic motion, Newton's "Laws of Motion," work and energy, properties of solids, liquids and gases.

In the subject of Sound special attention is given to the theory of sound, wave motion, transmission of sound in different media, harmony and music.

Text books, Ames' Theory of Physics; Gage's Principles of Physics; Olmsted's College Philosophy. Fall term.

b.) Electricity and Magnetism.

Attention is given to the history of the development of the science of Electricity and its breadth of application in the arts and sciences.

Emphasis is placed upon the study of the lines of force and their relation to the electric current. Students in this department are especially favored in Cedar Rapids on account of the various electrical machinery in the city subject to their inspection.

Text books, Sylvanus P. Thompson's works on electricity; Ames' Theory of Physics. Winter term.

c.) Heat and Light.

Emphasis is placed upon laboratory work in these subjects in order that the student may better appreciate the underlying principles. The work consists in finding the linear coefficient of expansion of two or three of the common metals, the latent heat of water and steam, the specific heat of two or three of the common metals, the relative humidity of the air, etc.

In Light, attention is given to mirrors, photometers, the structure and use of the spectroscope, microscope and telescope, etc. Some work is done in determining the relative indices of refraction, and determining the wave lengths of light, etc.

Text books, Ames' Theory of Physics; Gage's Principles of Physics; Glazebrook's work on heat. Spring term.

III.—Natural Science.

PROFESSOR STOOKEY.

1. Biology.

(a.) Zoology.

i. The Morphology and Physiology of Animals.

The object of this Course is to present a view of the animal kingdom through a study of the great types, and to develop therewith the fundamental principles of Biology. The order of study is from the simple to the complex. The method is by laboratory work and lectures. No text book is required, but a growing reference library bearing upon the subject is at hand. By the use of scalpel, microscope, and the equipment of a modern laboratory, the student learns how to attain knowledge at first hand. The senses are trained, a love of exact truth is fostered, and a habit of precision and accuracy in expression is formed. The lectures are intended to coordinate and supplement the facts of the laboratory, as well as to deal with some of the problems suggested by biological study. Three hours per week, fall and winter terms.

ii. Systematic Zoology.

Special groups of animals are selected for study and collections are made, which, supplemented by museum collections, furnish material for practice in the principles of classification. Three hours per week, spring term.

iii. Embryology.

This and the following Course are offered as elective work. They presuppose the completion of Courses i and ii, and are designed particularly for those intending to pursue

the study of medicine, to teach or do future special work in Biology. The Embryology of the chick is the basis of the work in Course iii. Foster and Balfour's text is the guide. Laboratory work and lectures. Three hours per week, fall term.

iv. Histology and Physiology.

In this Course, extending through the winter and spring terms, histological methods receive due attention, and the related subjects of Histology and Physiology are developed together. Sterling's Histology and Martin's "The Human Body" will be used as texts. Laboratory work, recitations, and lectures. Three hours per week, winter and spring terms.

(b.) Botany.

i. Plant Morphology and Physiology.

The Course contemplates the study, from the standpoint of Morphology and Physiology, of a series of typical plants. Bessey's Botany is followed as a guide. Laboratory work, lectures and reading. Fall and winter terms, three hours per week.

ii. Systematic Botany.

Special groups of plants are studied with reference to their classification. The Algae, Fungi, Bryophyta and Pteridophyta are groups which may be selected according to circumstances. Two hours per week, spring term.

2. Geology.

i. Dynamic and Structural Geology

Instruction in this subject is given by recitation, lectures, laboratory and field work. Le Conte's Elements of Geology is used as a text. The region about Cedar Rapids presents special advantages for the study of geological pro-

blems, and a portion of the required work will be done in the field. Three hours per week; fall and winter.

ii. Paleontology.

This Course will include systematic paleontology, and historic geology, and presupposes Course a. The history and character of organisms and of the geological formations which they characterize are treated. Laboratory and field work with lectures. Three hours per week, spring term.

E.—DEPARTMENT OF PHYSICAL AND VOICE CULTURE AND ELOCUTION.

MISS GRAY.

This department of work aims to cultivate harmoniously the body and mind, and to give the student thorough and systematic training in the principles of expression.

It comprises a Physical Culture that strengthens and gives responsiveness to the body, thus making it an expression of what is within.

A Voice Culture which frees that agent of expression and gives grace, and makes it a channel through which thought can be pleasingly conveyed to the minds of others; and

An Elocution in which "not imitation but creation is the aim."

The method used is in harmony with the natural development of the faculties, and is based on psychological principles.

The student is led on by successive steps until he can think and feel while on his feet before an audience, and can express these thoughts and emotions in a natural and individual way.

The complete Course extends over a period of three years.

COLLEGE DEGREES.

Bachelor's Degree.

It requires four years to complete the course of study.

Those who have taken the Classical Course, as indicated in the curriculum, receive on graduation, from the Board of Trustees, on the recommendation of the Faculty, the degree of Bachelor of Arts.

Those who have completed the Philosophical Course receive the degree of Bachelor of Philosophy.

Those who have pursued the full Scientific Course receive the degree of Bachelor of Science.

Master's Degree.

The degree of Master of Arts, or Master of Philosophy, or Master of Science, may be conferred three years after graduation on any Bachelor of Arts, or Philosophy, or Science who has passed his or her graduate period in collegiate or professional study and practice, and who shall submit to the Faculty a satisfactory literary, philosophical or scientific paper. Those desiring the Master's degree must make a written application to the Secretary of the Faculty, with appropriate vouchers, accompanied by their Master's Thesis, at least six weeks before commencement.

Certificates.

Students who have been members of any department of the College, and have passed satisfactory examinations therein, may obtain certificates of the same if they have been in attendance not less than one year.

SYNOPSIS OF COURSES.

NOTE.—The figures and letters in parentheses immediately following the Study refer to the Courses of Study as set forth on pages 16-40. The second column of figures indicates the hours per week; all electives occupy two hours weekly.

FRESHMAN.					
CLASSICAL.		PHILOSOPHICAL.		SCIENTIFIC.	
Fall Term.		Fall Term.		Fall Term.	
O. T. History (A 9 a)	1	O. T. History (A 9 a)	1	O. T. History (A 9 a)	1
Greek (C I 1)	5	German (C IV 1)	4	German (C IV 1)	4
Latin (C II 1)	5	Latin (C II 1)	5	French (C III 1)	3
Rhetoric (C V 1)	1	Rhetoric (C V 1)	2	Rhetoric (C V 1)	1
Algebra (D I 1)	4	Algebra (D I 1)	4	Algebra (D I 1)	4
Biology (D III 1 b i) Optional		Biology (D III 1 b i) Optional		Biology (D III 1 b i)	3
Winter Term.		Winter Term.		Winter Term.	
O. T. History (A 9 a)	1	O. T. History (A 9 a)	1	O. T. History (A 9 a)	1
Greek (C I 2)	4	German (C IV 2)	4	German (C IV 2)	4
Latin (C II 2)	4	Latin (C II 2)	4	French (C III 1)	2
Rhetoric (C V 1)	1	Rhetoric (C V 1)	1	Rhetoric (C V 1)	1
Algebra (D I 1)	5	Algebra (D I 1)	5	Algebra (D I 1)	5
History (B 1)	1	History (B 1)	1	History (B 1)	1
Biology (D III 1 b i) Optional		Biology (D III 1 b i) Optional		Biology (D III 1 b i)	2
Spring Term.		Spring Term.		Spring Term.	
O. T. History (A 9 a)	1	O. T. History (A 9 a)	1	O. T. History (A 9 a)	1
Greek (C I 3)	4	German (C IV 3)	4	German (C IV 3)	4
Latin (C II 2)	4	Latin (C II 2)	4	French (C III 2)	2
Rhetoric (C V 1)	1	Rhetoric (C V 1)	1	Rhetoric (C V 1)	1
Plane Trigonometry (D I 2 a)	4	Plane Trigonometry (D I 2 a)	4	Plane Trigonometry (D I 2 a)	4
History (B 1)	1	History (B 1)	1	History (B 1)	1
Biology (D III 1 b ii) Optional		Biology (D III 1 b ii) Optional		Biology (D III 1 b ii)	2

SYNOPSIS OF COURSE S.—Continued.

SOPHOMORE.			
CLASSICAL.		PHILOSOPHICAL.	
Fall Term.		Fall Term.	
N. T. History (A 9 b)	1	N. T. History (A 9 b)	1
Greek (C I 4)	4	German (C IV 4)	4
Latin (C II 3)	3	Latin (C II 3)	3
Rhetoric (C V 1)	1	Rhetoric (C V 1)	1
History (B 2)	2	History (B 2)	2
Chemistry (D II 1 a i)	3	Chemistry (D II 1 a i)	3
Trig. and Surveying (D I 2 b)	3	Trig. and Surveying (D I 2 b)	3
Or French (C III 10)	3	Or French (C III 1)	3
Winter Term.		Winter Term.	
N. T. History (A 9 b)	1	N. T. History (A 9 b)	1
Greek (C I 5)	4	German (C IV 5)	4
Latin (C II 4)	3	Latin (C II 4)	3
Rhetoric (C V 1)	1	Rhetoric (C V 1)	1
History (B 2)	2	History (B 2)	2
Chemistry (D II 1 a ii)	3	Chemistry (D II 1 a ii)	3
Analytics (D I 3)	3	Analytics (D I 3)	3
Or French (C III 11)	3	Or French (C III 1)	3
Spring Term.		Spring Term.	
N. T. History (A 9 b)	1	N. T. History (A 9 b)	1
Greek (C I 6)	4	German (C IV 5)	4
Latin (C II 5)	5	Latin (C II 5)	3
Rhetoric (C V 1)	1	Rhetoric (C V 1)	1
History (B 3)	2	History (B 3)	2
Chemistry (D II 1 a iii)	3	Chemistry (D II 1 a iii)	3
Analytics (D I 3)	3	Analytics (D I 3)	3
Or French (C III 12)	3	Or French (C III 2)	3
SCIENTIFIC.			
Fall Term.			
N. T. History (A 9 b)	1	N. T. History (A 9 b)	1
German (C IV 4)	4	German (C IV 4)	4
French (C III 3)	3	French (C III 4)	3
Rhetoric (C V 1)	1	Rhetoric (C V 1)	1
History (B 2)	2	History (B 3)	2
Chemistry (D II 1 a i)	3	Chemistry (D II 1 a i)	3
Trigonometry and Surveying (D I 2 b)	3	Analytics (D I 3)	3
Winter Term.			
N. T. History (A 9 b)	1	N. T. History (A 9 b)	1
German (C IV 5)	4	German (C IV 5)	4
French (C III 4)	3	French (C III 4)	3
Rhetoric (C V 1)	1	Rhetoric (C V 1)	1
History (B 2)	2	History (B 2)	2
Chemistry (D II 1 a ii)	3	Chemistry (D II 1 a ii)	3
Analytics (D I 3)	3	Analytics (D I 3)	3
Spring Term.			
N. T. History (A 9 b)	1	N. T. History (A 9 b)	1
German (C IV 5)	4	German (C IV 5)	4
French (C III 4)	3	French (C III 4)	3
Rhetoric (C V 1)	1	Rhetoric (C V 1)	1
History (B 3)	2	History (B 3)	2
Chemistry (D II 1 a iii)	3	Chemistry (D II 1 a iii)	3
Analytics (D I 3)	3	Analytics (D I 3)	3

SYNOPSIS OF COURSES.—Continued.

JUNIOR.			
CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.	
Fall Term.	Fall Term.	Fall Term.	
Christian Evidences (A 4) 1 Psychology (A 1) 3 Biology (D III 1 a i) 3 Physics (D II 2 a) 3 German (C IV 11) 3 Electives (Two required) 4 Greek (C I 7) Latin (C II 6) French (C III 5) History (B 4) Calculus (D I 4) Chemistry (D II 1 b i)	Same as Classical except German is Elective Electives (Three required) German (C IV 6)	Same as Classical except German is Elective Electives (Three required) German (C IV 6)	
Winter Term.	Winter Term.	Winter Term.	
Christian Evidences (A 4) 1 Logic (A 2) 3 English Literature (C V 2-3) 3 Physics (D II 2 b) 3 German (C IV 12) 3 Electives (Two required) 4 Greek (C I 8) Latin (C II 7) French (C III 6) Biology (D III 1 a i) History (B 4) Calculus (D I 4) Chemistry (D II 1 b ii)	Same as Classical except German is Elective Electives (Three required) German (C IV 6)	Same as Classical except German is Elective and Zoology required Zoology (D III 1 a ii) 3 Electives (Two required) German (C IV 6)	

JUNIOR.—Continued.

CLASSICAL.		PHILOSOPHICAL.		SCIENTIFIC.	
Spring Term.		Spring Term.		Spring Term.	
Christian Evidences (A 4)	1				
Ethics (A 3)	3				
English Literature (C V 3 4)	3				
Physics (D II 2 c)	3				
German (C IV 13)	3				
Electives (Two required)	4				
Greek (C I 9)					
Latin (C II 8)					
French (C III 6)					
Zoology (D III 1 a ii)		Same as Classical except German is elective		Same as Classical except German is Elective and Zoology Required	3
History (B 5)		Electives (Three required)		Zoology (D III 1 a ii)	
Calculus (D I 4)		German (C IV 7)		Electives (Two required)	
Chemistry (D II 1 b iii)				German (C IV 7)	

SYNOPSIS OF COURSES.—Continued.

SENIOR.			
CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.	
Fall Term.	Fall Term.	Fall Term.	
History of Philosophy (A 5) 2 Political Economy (A 7) 2 Literary Criticism (C V 5) 2 Geology (D III 2 i) 3 Electives (Four required) 8 Greek (C I 10) Latin (C II 9) French (C III 7) German (C IV 8) Ancient Literature (C I 13) History of Civilization (B 6) American Literature (C V 8) Astronomy (D I 6) Chemistry (D II 1 c i) Embryology (D III 1 a iii) Hebrew (C VI)	Same as Classical	Same as Classical	
Winter Term.	Winter Term.	Winter Term.	
History of Philosophy (A 5) 2 Political Economy (A 7) 2 Continental Literature (C V 6) 2 Geology (D III 2 i) 4 Electives (Three required) 6 Greek (C I 11) Latin (C II 10) French (C III 8)	Same as Classical	Same as Classical	

SENIOR.—Continued.

CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
Electives—Continued German (C IV 9) Ancient Literature (C I 13) Philosophy of History (B 7) Chemistry (D II 1 c ii) Hebrew (C VI) Histology and Physiology (D III 1 a iv) Mechanics (D I 5)		
Spring Term.	Spring Term.	Spring Term.
Bible & Modern Thought (A 6) 2 Literature of XIXth Century (C V 7) 2 8 Electives (Four required) Greek (C I 12) Latin (C II 11) French (C I 9) German (C IV 10) Chemistry (D II 1 c iii) Anatomy and Physiology (D III 1 a iii) Jurisprudence (A 8) Constitutional History of U. S. (B 8) Geology (D III 2 ii) Mechanics (D I 5) American Classics (C V 8) Hebrew (C VI)	Same as Classical	Same as Classical

GENERAL INFORMATION.

THE COLLEGE AND ITS EQUIPMENT.

Location.

Cedar Rapids is a beautiful city of 27,000 inhabitants, and most favorably located as the seat of a College. It is a railroad center, easily accessible, only a few hours either from Chicago, St. Paul, Sioux City, Omaha, Kansas City or St. Louis. It has a large number of churches, schools and moral organizations. It is a city of broad avenues and beautiful homes. In view of the above facts, and its stirring activities, life in such a city becomes a most important factor in the education of young men and women. The students, in their busy college days, need the zest that an active city throws into the routine of life, in order to make them thoughtful, practical and observing, and to hold them in sympathy with the great world which they must soon enter.

Buildings.

The main building, fronting First avenue or the Boulevard, is a commodious building, 120 feet long, 40 feet wide, and four stories high. It contains class rooms, laboratories, library, museum, assembly hall and society rooms.

Williston Hall is a few yards in the rear of the main building. It is the home of the young ladies who come from out of town to attend school. Both buildings are heated by steam supplied by the City Electric Light Company and are kept at a uniform temperature. They are therefore healthful and in no danger of fire.



VIEW OF BUILDINGS FROM REAR.

The Library and Reading Room.

While the library is not large, it is well chosen for a working library on all lines essential to the requirements of students. Encyclopedias, Dictionaries, Gazetteers, Magazines, Journals, and the Government Atlases, are on the shelves and tables for the use of students.

Under the Dewey system of classification the library is very useful to students in class-room work.

The Knox collection is very valuable. It is a donation from Mrs. Knox, widow of the late Rev. James Knox, formerly pastor of the First Presbyterian church of Cedar Rapids.

The Carroll collection is similar to the Knox, a gift from Rev. G. R. Carroll.

The tables of the reading room are supplied with many college papers, exchanges for the "Coe College Cosmos," the standard magazines: The Forum, Century, Review of Reviews, McClure's, Popular Science Monthly, The Literary Digest and the daily and weekly papers; Harper's Weekly, N. Y. Tribune, The Independent, many religious weeklies, Chicago and Cedar Rapids dailies and many other papers.

City Libraries.

The Masonic Library, but two blocks from the college, contains an extensive collection of books, magazines, journals, reviews, daily papers, etc., and by the courtesy of Grand Secretary Parvin, is open to the students of Coe College. The magazine reference room to which the students have free access, contains not only the current numbers of many of the magazines but also bound copies of these together with complete indexes to the same. This room furnishes unexcelled facilities for investigation and study.

The Y. M. C. A. of Cedar Rapids maintains a reading room and library, to which students have access.

The new City Library already has a very valuable collection of books. Additions to this library are being rapidly made. In the reading room are kept on file all the great dailies of the world, and the principal magazines of the country.

The Biological Laboratory.

This Laboratory is equipped for carrying on the work of the department. There are twelve compound, and six dissecting microscopes, a new Bausch & Lomb laboratory microtome and three students microtomes with accessories. Students are supplied with material for making permanent microscopical preparations. Each student has a dissecting table and locker. Apparatus will be added as the needs require.

The Chemical Laboratory.

The Chemical Laboratory is well equipped for the Courses in general chemistry, qualitative analysis, quantitative analysis; and fairly well equipped for organic analysis.

Each desk is fitted up with twenty reagents, burettes, flasks, etc., water tap, and basin with waste pipe.

Among other pieces of apparatus worthy of special notice are two balances, each sensitive to the tenth of a milligram, an assay furnace (Hoskin's), and a complete outfit for estimating nitrogen by the Kjeldahl process, etc.

The Physical Laboratory.

The Physical Laboratory is becoming quite well equipped. Each year marks the addition of some useful piece of

apparatus. The class in physical measurements has made a large induction coil for X-Ray work.

We have, at present, apparatus for manometric flame and sensitive flame, apparatus for Lissajous' curves, sonometer, tuning forks, etc., apparatus for estimating Young's Modulus of elasticity, micrometer caliper, vernier caliper, spherometer, thermometers, barometers, colorimeters, piknometers, tangent and mirror galvanometers, ammeters, voltmeters, Geisler tubes, Crooks tubes, large Holtz machine, etc.

The Museum.

The College has a good working Museum. Besides a great amount of other material, the geological department contains the Calvin and King collections, which have been purchased by this College. Also the Abbott collection of minerals and fossils presented by Dr. Abbott, of Manchester, and the Tomlinson collection of Canada minerals presented recently by Joseph Tomlinson, of Cedar Rapids, are very valuable. Additions have also been made by the National Museum and others.

The Zoological Department consists, in part, of the King collection of mammals and birds of Iowa, the Butler collection, the Meek collection of fishes, etc. There is also a collection of marine invertebrates recently supplemented by the Bahama Expedition of the State University.

The Botanical collection contains woods, fruits, and plants from all parts of the world. The herbarium, chiefly of Iowa plants, is growing.

The Archeological collection contains many specimens of Indian relics, etc.

Athletics.

Coe College has always encouraged the practice of athletic sports, and a deep interest is felt in this phase of college life. The faculties of Coe and of other colleges of the state have recently taken steps to purify college athletics by the adoption of rules which will prevent professional athletes from taking part in these sports. It is thought that these rules will have a wholesome effect, and will check that tendency to become professional which has been so noticeable in colleges of late years. The College has enclosed athletic grounds, and in addition to these students can have all the advantages of the Y. M. C. A. gymnasium for a small expense annually. This gymnasium is one of the finest in the State, and an experienced teacher has been employed who leads in the physical exercises and also teaches the theory of health preservation.

College Papers.

The students publish monthly a journal which embodies their thoughts, and gives direction to College life in its bearing upon the practical work which will follow a completed course of study. The Coe College Cosmos has always been conducted with ability as to its contents, and with great skill and success in its management. According to the constitution of the Editorial Board the paper is under the direction of a staff of editors, and a member of the Faculty, through whose hands every article must pass before it is published in the Cosmos.

Literary Societies.

There are four Literary Societies—the Alpha Nu and Olio for young men, and the Sinclair and Carleton Societies for young ladies. These Societies have weekly meetings in

their halls for the purpose of debate and parliamentary experience. They meet the demand for an important part of an education, which students must originate and carry on themselves. The rooms are beautiful and attractive.

Christian Associations.

The Christian Associations of the institution are active and flourishing. They have charge of the separate association prayer meetings on Tuesdays, and of the College joint prayer meeting held every Thursday evening. The missionary work of the College is carried on by the Associations, one meeting of each month being devoted to the discussion of missionary topics. They issue annually a most attractive Hand-Book.

Religious Culture.

Coe College is under the direction of the Synod of Iowa but is in no sense sectarian. No instruction is given or requirements made in the interest of any denomination. It is however in all its atmosphere distinctly Christian. Chapel service every morning, and attendance on Sabbath morning at the church of the parents' choice are required of the students. Bible classes and prayer meetings in the college and Williston Hall, and in the Sabbath Schools of the churches of the city where the pupils attend, furnish abundant opportunities for growth in knowledge of Christian duty, and for practice in Christian life.

The Alumni Association.

In the Alumni Association, Coe College has a rapidly growing body of warm friends and supporters. Many of the number are already prominent in business and professional circles, or are occupying positions of responsibility and trust.

The members of the Association recently pledged several hundred dollars for the support of the college work, and greater things are promised by them in years to come. The Alumni meetings in June are increasing in interest and are fast becoming one of the most popular events of commencement week. Non-resident members are requested to communicate annually with the Secretary of the Association so that any change in name or address may be made a matter of record.

Williston Hall for Young Ladies.

Young women are admitted to the same privileges of all the departments as young men, and subject to the same entrance examinations.

Williston Hall is a large brick building with parlors, dining room, and rooms to accomodate fifty young ladies. The rooms are steam heated, furnished with heavy furniture, carpeted, and lighted at the expense of the College; other articles are furnished by the occupants.

In order to make Williston Hall a well ordered home, similar to a Christian family, the Lady Principal lives in the building, and it will be her constant effort to surround the daily life of the students with elevating influences. In view of the care needed to inculcate right habits, the Trustees require all ladies coming to Coe College, not residents of Cedar Rapids, to live in Williston Hall. If there are any special reasons why young ladies should board and room elsewhere, they must be presented in writing to the Williston Hall committee, composed of the President of the College, the Chairman of the Executive Committee, and the Treasurer of the Board.

It is impossible to speak too highly of this Hall as a most

delightful home for young ladies. It combines the advantages of a Ladies' Seminary with all the opportunities of a college.

Calls on young ladies, whether rooming at Williston Hall or in the city, must be confined as far as possible to the evenings of Friday and Saturday. No calls should be made on the Sabbath.

Parents and students living in Cedar Rapids should encourage, as little as possible, special social gatherings, and under no circumstances should these social meetings be on any of the college study nights.

Parents are earnestly urged to co-operate with the Faculty in securing a faithful observance of all regulations conducive to a true Christian character and life. Parents are also earnestly urged to co-operate with the Faculty in securing promptness, and faithful attendance to all college duties.

College Requirements.

Students are expected to study in their rooms during the vacant periods. Those whose rooms are too far away will be furnished a place for study during vacant periods; they will give their names to the registrar, who will hold them responsible for order and propriety therein.

Students who wish to leave town during the term time are required to obtain permission by a written request from the President or in his absence, from the Senior Professor accessible.

Students admitted to any class with conditions attached to any branch of study, are required to pass an examination on the subject within the next two terms after entering.

Students are required to pass written examination at the end of every term. Students who fail to pass in three branches at any term examination will not be enrolled at the beginning of the next term or year until a satisfactory examination has taken place. The second Saturday of each term is set aside for such examinations.

Students are required to have a grade, at least, of seventy in each study in order to retain their standing in their class. If they fall below that a report will be made to their parents or guardians; and if after admonition they fail to improve they will be classified elsewhere.

Students about to graduate are required to settle satisfactorily all bills, and meet all obligations due any department of the college as pre-requisites to receiving their degrees.

Any student who shall absent himself from any regular or special examination, without previous consent of the teacher in charge, shall pay an examination fee of \$1.00 to the Assistant Treasurer, whose receipt shall entitle him to the required examination at such time as is designated by the teacher in charge. All money collected from examination fees shall be applied to the College Library.

In all cases students cannot be absent without affecting their rank in studies. For the same reason it is quite necessary that students be present on the day of enrollment, so as to be at the recitations the day following. Promptness and faithfulness should be cultivated.

Government.

The Faculty are responsible for the honor of the college; and have entire control over all the exercises conducted by the students, in the name of the College.

When papers or magazines or manuals are published by the students, the articles therefor shall be submitted before publication to some member of the Faculty.

When an association of students desires a lecture or lectures under its auspices, they shall consult with the Faculty and receive permission therefor before inviting such lecturers.

When students desire to use the rooms or halls of the College for any purpose other than the purpose for which they are assigned, or at any time other than the stated one, they will first receive permission from the Faculty.

The Faculty claim the right to make provisions for the removal of any student from the institution whose influence is not salutary upon the peace of the College, whose delinquencies in studies throw him below the required per cent. to enter or to remain in his class, and whose habits are incompatible with the welfare of the College.

Any student leaving before the close of the term, without permission, cannot re-enter as a student until he has made satisfactory explanation to the Faculty.

A record is kept of scholarship, attendance and conduct of each student, which will be furnished to parents and guardians when requested.

Students desiring to compete in the Oratorical Contests are required to hand in their orations for review to the Professor of English literature.

Students are requested to bring certificates of good moral character, and if coming from other colleges they are requested to bring letters of regular and honorable dismissal.

Conduct becoming ladies and gentlemen, respect and

obedience to teachers, and cheerful conformity to all college regulations is expected and required.

All correspondence relating to the course of instruction, the admission of students, their studies, temporary absence from College, and probable expenses, should be addressed directly to the President. Communications relating to the personal welfare of the young ladies in Williston Hall may be addressed to the Lady Principal. Telegrams, especially those concerning sickness or death, should be sent directly to the President or Lady Principal.

All students will report at once to the Secretary of the Faculty where they room and board in the city, and also the changes whenever any are made.

College Honors.

PRIZES.

I. The Knox Prize, founded by the late T. M. Sinclair, in honor of the Rev. James Knox, deceased, grants free tuition Junior and Senior years to the student whose standing is the highest in scholarship at the close of the Sophomore year.

II. The Bever Oratorical Prize, given by the late S. C. Bever, of Cedar Rapids.

Two prizes, first and second, amounting respectively to \$25.00 and \$15.00 in value are awarded at the end of the year to those students competing who stand first and second best in thought, style and delivery in their orations. This contest shall be open to members of the Freshman and Sophomore classes, and to those special students, two-thirds or more of whose studies are the required studies of the Freshman and Sophomore years. The orations shall not contain fewer

than 1,000 words or more than 1,200 words. The Committee of Award will be chosen by the Faculty from persons not members thereof, and the six orations receiving highest marks shall be selected for public delivery during commencement week.

III. The C. B. Soutter Prizes, given by Mr. Chas. B. Soutter, Cedar Rapids.

1. The Physical Science Prizes—Two prizes are awarded to those members of the Junior class whose advancement in the Physical Sciences has been greatest during the Sophomore and Junior years, and whose essays on prescribed themes relating to the subjects studied shall be first and second best in merit; provided, that in the judgment of the Committee of Award, the proficiency in physical studies and merit in the essays shall warrant giving prizes. There shall be no prizes given unless there are at least five contestants. The prizes shall be in the form of books suitably inscribed, and valued respectively at \$15.00 and \$10.00.

2. The Classical Prize—A prize valued at \$15.00 will be awarded to that member of the Sophomore class who has made the greatest proficiency in Latin and Greek during Sophomore year, in the Latin and Greek prescribed in the catalogue for that year; and a prize valued at \$10.00 is awarded to the member of the Freshman class under the same condition for that year. The prizes will be in the form of books. There shall be at least five contestants. At the final examination for the year the contestants shall be required to translate at sight Latin and Greek into English, and English into Latin and Greek, and their papers shall be placed in the hands of the Committee of Award.

3. The English Prizes—A prize valued at \$15.00 will be awarded to the Sophomore student, at the end of Sophomore

year, who has made the best average in English studies, and a prize valued at \$10.00 to that Freshman who has made the best average in Freshman English studies, at the end of Freshman year. There must be at least five contestants. The contestants in the above classes must also submit essays on prescribed themes whose merit shall be considered in connection with the average in scholarship.

The Committee of Award in the Soutter prizes will be the Committee on Curriculum of the Board of Trustees, and the person who gives the prizes, or someone designated by him.

IV. The Wilson Botanical Prizes, given by Hon. James Wilson.

Two prizes of \$15.00 and \$10.00 respectively will be awarded to those students doing the best work in Courses i and ii, Botany, due regard being paid in the award to class and laboratory work, note books, and collections.

V. The Trustee's Scholarship—The Board of Trustees confer free tuition for the full four year's course, Classical, Philosophical or Scientific, upon that student coming to Coe College, who has graduated with highest honors at an Academy or High School in the state; provided, that graduation fits such pupil to enter the Freshman class. Such honored students must bring the certificate of such graduation from the officers of the school, and their attendance must be regular and continuous.

VI. The T. S. Parvin Prize—Two prizes, one of \$10.00 and the other of \$5.00 or their equivalents, if preferred, to the students having the highest grade of scholarship, upon the completion of the Preparatory Course; the standard of merit to be determined from the average markings of the

several classes during the year, provided such students shall enter and prosecute their studies in Coe College.

VII. The Ristine Mathematical Prizes, given by Drs. Ristine, of Cedar Rapids.

Two prizes, amounting in value respectively to \$10.00 and \$5.00, to the students standing the highest in excellence in Mathematics—\$10.00 to the member of the Sophomore class and \$5.00 to the member of the Freshman class.

VIII. The Dows' Junior Essay Prizes—The Hon. S. L. Dows offers to the Junior class, three prizes, to the amount of \$20.00, \$15.00, and \$10.00 respectively for the best essays on an assigned subject. The essay shall contain not fewer than 1,000 or more than 1,200 words and must be placed in the hands of the President of the College on an assigned date. The prizes will be in the form of books suitably inscribed. The successful essays will be read by the authors at the exhibition of the Junior class during commencement week.

IX. The Biological Prizes—Dr. G. E. Crawford offers as a first prize, Gould's Dictionary of Medicine and the Biological Sciences, and as a second prize, Foster's Physiology, to the members of the Senior class who do the best practical work and pass the best examination in the Biological Sciences studied during the Junior and Senior years; provided, that in the opinion of the Awarding Committee the work done is of sufficient merit to warrant the giving of the prizes. The practical work shall consist of microscopical study of cell structure and growth, with drawings, and a dissection of the typical forms, with descriptions and drawings.

In the award of all prizes and honors and degrees, due regard will be taken of the conduct of the students during their course of study, and students who have incurred serious

discipline will be debarred from competition, and forfeit the privileges to which otherwise their scholarship would have entitled them.

Expenses.

TUITION.

Fall Term.....	\$ 13.00
Winter Term.....	12.00
Spring Term.....	12.00
Fee at Graduation.....	5.00
Laboratory Fee to Students in Chemistry.....	4.00
Fee to Students in Physics.....	1.00
Fee to Students in Biology.....	2.00

ROOMS AND BOARD.

Single Rooms, per Term, at Williston Hall, from.....	\$10.00 to \$20.00
Two in one Room, “ “ “ “	7.00 to 16.00
Rooms for Young Men, per month.....	3.00 to 5.00
Board at Williston Hall, per week.....	2.50
Board at Williston Hall, per meal.....	.25

When students enter College before the middle of a term, they shall pay in full the usual charges. If they enter after the middle of the term they shall pay one-half.

When students leave College, whether voluntarily or by dismissal before the middle of any term, one-half the tuition, etc., shall be refunded. But in case of temporary absence and subsequent return, although the absence be for more than half a term, no such rebate shall be granted.

The children of ministers and students for the ministry pay but half rate tuition.

Students intending to become ministers of the Gospel, must present to the Assistant Treasurer a certificate of the religious body to which they belong, certifying, that said students are under its care as students for the ministry, otherwise they will be charged full tuition.

Catalogues will be sent free of charge, or other information given, upon application to the President, or to Prof. C. O. Bates, of Cedar Rapids, Iowa.

Self Support.

Cedar Rapids furnishes many opportunities to students who desire to support themselves in whole or in part. The President and Faculty will gladly co-operate with students in securing such places.

Needs of the College.

We call the attention of friends of higher Christian education to the needs of our College. It is to them that such institutions as ours must look for support. Money invested in the education of young men and women brings the largest returns. We should have at once money for the following purposes:

1. Scholarships to aid promising students who are not able to meet all their expenses.
2. A dormitory for young men.
3. The purchase of new books and apparatus.
4. The increase of our endowment to meet general expenses.

Forms of Bequest.

I give and bequeath to Coe College, Cedar Rapids, Iowa, the sum of — dollars, to be safely invested by the Trustees as a part of the permanent Endowment Fund of the College.

I give and bequeath to Coe College, Cedar Rapids, Iowa, the sum of — dollars to be appropriated by the Trustees for the benefit of the College in such manner as they shall deem most useful.

COE ACADEMY.

PROFESSOR ASH, HEAD MASTER.

Coe Academy, or the Preparatory Department of the College, equals any similar school in the country for excellence in training and symmetry in preparation for entrance to college. For this purpose a large room is furnished wherein preparatory students are constantly under the direction of the Head Master. Students as young as twelve years may enter the Academy.

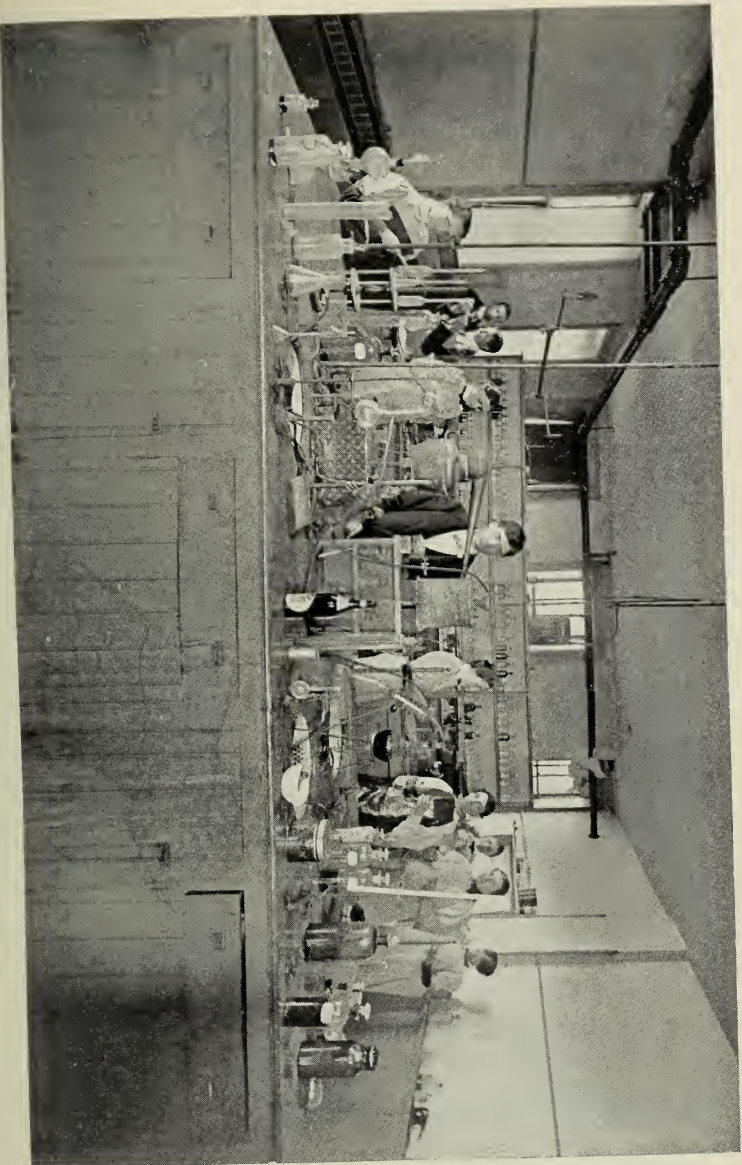
The time to prepare for the Freshman class will depend upon the aptitude and industry of the student. The regular course is three years. Great emphasis is put upon the study of Mathematics, Greek and Latin, but Grammar, History, Physiology, Physical Geography, Physics, Botany, the Science of Civil Government, and other branches requisite for the college course are taught.

Candidates for admission should present themselves at the beginning of the term, and should bring testimonials of good character and a full record of previous work done. Credit will be given for work done in schools of good standing but such students will be subject to reclassification if their work indicates inadequate preparation.

The Library and Reading Room are open to all on the same terms as to College students.

At the end of each term a report of all the students is sent to the parents showing the character of the work.

Perfect accuracy and thorough mastery of the studies of the Academy is an absolute requirement in order to gain



THE CHEMICAL LABORATORY.

admission to the College. Failure in this respect will compel the students to go over their work the second time.

It is understood that the studies covered by the eight grades in our public schools are to be finished before the student is admitted into the regular academic classes, but where a sufficient number of students desire it classes will be formed for the study of Arithmetic, Physiology, U. S. History, etc., in the Academy.

The following will exhibit the courses of study pursued in this Department.

I. Greek.

The aim of the preparatory course in Greek is to give the student a thorough training in the language itself. After the important grammatical forms have been learned continuous selections from a Greek author are read. Third year.

1. White's First Greek Book. Selections from Book I of the Anabasis. Exercises in writing Greek. Five periods weekly, first term.

2. White's First Greek Book. Xenophon's Anabasis, Book II. Exercises in writing Greek. Five periods weekly, second term.

3. Selections from Herodotus, Xenophon's Anabasis, Book II. Exercises in writing Greek. Five periods weekly, third term.

II. Latin.

This course covers the full three years. Thoroughness and accuracy in the grammar are insisted upon. Inflections and construction of sentences must be mastered.

1. Collar & Daniell's First Latin Book; Allen & Greenough's Grammar.
2. Caesar's Commentaries, four books; Daniell's Exercises in Latin Composition.
3. Cicero's Six Orations, including the four against Catiline and those for Archias and the Manilian law. Jones' Latin Prose Composition.
4. Vergil's *Æneid*, six books; Jones' Latin Prose Composition; Prosody of Hexametric verse.
5. Ovid or Sallust. Portions of Ovid or Sallust may be studied instead of some of the orations of Cicero in number three.

III. English.

The student, having finished the eighth grade in the public schools, is supposed to come with a fair knowledge of English Grammar. The work done in the Academy is designed to give a most exhaustive and thorough study of the principles of the English language; to train the student in the use of his own tongue and to acquire some knowledge of the English classics. The course is as follows:

1. Grammar. Two terms of the first year, five hours weekly. Text books used, Whitney and Lockwood.
2. Composition. Third term of first year, five hours weekly. Text book, Newcomer.
3. Rhetoric. Two terms of the middle year, three hours weekly. Text book, Hart. Third term, paragraph structure. Text books, Scott and Denny.
4. English Classics. Throughout the third year. For

the years 1898 and 1899 a thorough study of the following works will be made:

1898.

Lowell, "Vision of Sir Launfal;"
Longfellow, "Courtship of Miles
Standish;" Scott, "Ivanhoe;"
Webster, "Reply to Hayne;"
Shakespeare, "Julius Caesar;"
Irving, "The Sketch Book."

1899.

Scott, "Marmion;" De Quincey,
"Flight of a Tartar Tribe;"
Shakespeare, "Merchant of Ven-
ice;" Tennyson, "The Princess;"
Webster, "Bunker Hill Oration;"
Addison, "De Coverley Papers."

IV. History and Civil Government.

This Course presupposes a knowledge of United States History and so takes up Civil Government as a supplementary study. The histories of Rome and Greece are parallel with the work in the Greek and Latin languages.

1. Civil Government. Mowry. Three hours weekly, fall and winter terms of middle year.

2. Oriental Monarchies. Myers. Fall term of third year, three hours weekly.

3. Greek History. Myers. Winter term of third year, three hours weekly.

4. Roman History. Myers. Spring term of third year, three hours weekly.

V. Mathematics.

From the beginning students are taught to be exact and systematic. The Academic Course is designed to give very thorough drill in the fundamental operations so that the purely mechanical part may be eliminated, so far as is possible, from the work later on.

1. Algebra. Five times per week throughout the first year. Special attention is given to the laws of signs, factor-

ing, fractions, the solution of simple equations, involution and evolution. Text book, Wells.

2. Algebra. Three times per week throughout the second year. Thorough drill is given in the use of exponents, surds and imaginary quantities. Simple and simultaneous quadratic equations are studied with great care, and the solution of a great number of problems is required in order to fix in the minds of the students the various methods of solving them. Text book, Wells.

3. Geometry. Five hours per week during the third year is given to Plane and Solid Geometry. Every effort is made to have the student think for himself, and to this end the solution of a large number of original exercises is required.

VI. Science.

Students in the academic department are favored with all the apparatus they need from the college department. While great stress is put upon doing the required amount of work for entering the College, greater stress is put upon the quality of the work, and the formation of right habits of thought and investigation.

1. Physical Geography.

This study is pursued the fall and winter terms of the first year, reciting four times per week. Text book, Torr's First Book of Physical Geography. This subject is used as a general introduction to science and scientific methods and has proven to be one of the most interesting studies in the academic course.

2. Physics.

This subject is studied throughout the third year, and

consists of recitations and laboratory work. Avery's Elements is the text used.

3. Botany.

One or more classes are formed every spring term. It is required four times per week in this term of first year, but often students enter higher classes without the requisite preparation in this subject and a special class is formed. Gray or Bergen is used as a text book. While the compound microscope is used by all the class, greater stress is put upon the gross anatomy of the plant. Each student is required to prepare a herbarium of at least thirty-five plants.

VII. German.

This study is taken only by those students who seek to enter the College Philosophical or Scientific Course. Such students omit Course I.

1. Preparatory Grammar by Edgren & Fossler, and reading. During the fall term of second year the time will be devoted exclusively to the grammar. Winter term, grammar continued with written work and Andersen's Maerchen, by O. B. Super. Spring term, grammar continued and Das edle Blut by Wildenbruch. Five times per week for the three terms.

2. Grammar and reading. Fall term of third year, grammar by Edgren & Fossler continued and Storm's Imensee. Winter term, Hillern's Hoener als die Kirche. Spring term, Baumbach's Die Nonna. Five times per week for three terms.

VIII. French.

This study is to be taken only by those who seek admis-

sion into the College Scientific Course. Such students omit the Greek Course I, and Cicero and Vergil of Course II.

1. Grammar and reading. Fall term of second year, Chardenal's First French Course. During the fall term the time will be devoted exclusively to grammar and pronunciation. Winter term, grammar continued and French reader by O. B. Super. Spring term, grammar continued and written work, reader by O. B. Super continued. Five times per week during second year.

2. Grammar and reading. Fall term of third year, grammar by Chardenal and Bigarreau by Theurier. Winter term, *Le Duc de Beauford* by Alexander Dumas. Spring term, *Le Duc de Beauford* by Alexander Dumas continued, written work and composition. Five times per week during third year.

SYNOPSIS OF ACADEMIC COURSE.

COE COLLEGE.

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FIRST YEAR.		SECOND YEAR.		THIRD YEAR.	
Fall Term.		Fall Term.		Fall Term.	
Algebra	5	Algebra	3	Geometry	5
Latin	5	Latin	5	Latin	5
English	5	Rhetoric	3	English Classics	3
Physical Geography	4	Civil Government	3	Physics	3
		German {	5	Oriental Monarchies	3
		French }		French }	3
				German }	5
				Greek }	
Winter Term.		Winter Term.		Winter Term.	
Algebra	5	Algebra	3	Geometry	5
Latin	5	Latin	5	Latin	5
English	5	Rhetoric	3	English Classics	3
Physical Geography	4	Civil Government	3	Physics	3
		German {	5	History of Greece	3
		French }		French }	5
				German }	
				Greek }	
Spring Term.		Spring Term.		Spring Term.	
Algebra	5	Algebra	3	Geometry	5
Latin	5	Latin	5	Latin	5
Composition	5	Rhetoric	3	English	5
Botany	4	German {	5	Physics	3
		French }		History of Rome	3
				French }	3
				German }	5
				Greek }	

MUSICAL DEPARTMENT.

The Musical Department of Coe College is under the direction of Prof. E. M. C. Ezerman. Prof. Ezerman was born in Holland, where he commenced his musical studies at the early age of seven years. The masters under whom he has studied are such men as Nicolai, of the Royal Conservatory, the Hague, Holland; Carl van der Linden, director of the opera in Amsterdam; Haagmans and Vink, of Leipzig.

The Plan of Instruction.

Work may be taken privately or in classes. The last is especially beneficial to young students who have not had much experience in playing before others. For more advanced students private tuition is preferable.

Music Taught.

Both instrumental and vocal music is taught from the first beginning to the highest degree of proficiency.

Students who are already somewhat advanced will be graded accordingly.

Tuition.

The student is expected to pay at the beginning of each term for instruction in Piano, Organ, Voice Culture, Violin, Cello, Orchestral Instruments, Harmony and Composition, as follows:

	Fall Term.	Winter and Spring Term.
Two lessons per week, 3 in class.....	\$12.00	\$ 9.50
Two lessons per week, 2 in class.....	18.00	14.50

Two lessons per week, individual, 30 minutes...	18.00	14.50
One lesson per week, individual, 30 minutes....	9.50	7.75
Two lessons per week in Harmony, 4 in class..	9.50	7.75
Two lessons per week, 5 or more in class.....	7.75	6.50
Ensemble playing, 2 hours per week	10.00	8.00
Ensemble playing, 1 hour per week.....	6.00	5.00
Art of Accompaniment, class of 5, 60 minutes...	6.00	5.00
Training in Church, class of 5, 60 minutes....	6.00	5.00
Theory of Music, in class.....	1.75	1.75
Sight reading in class, one lesson a week, per term.....		\$1.00
Chorus class, one lesson a week, per term.....		1.00
Use of Piano, one hour daily, per term.....		2.50
Musical History, weekly lectures, free to students.		
Musical Biography, weekly lectures, free to students.		
Physiology of Voice, weekly lectures, free to students.		

Piano Course.

Grades I and II.

Note reading, position of hands, arms and body. Hand-rock op. 32, Spindler op. 273, Bertini 12 little pieces, with the easy Sonatines of Andre, Pleyel and others.

Grades II and III.

Duvernoy op. 120, Behrens op. 79, Bertini op. 100, op. 29, 32, Heller op. 47, Loeschorn op. 52, Sonatines by Schneider, Clementi, Kuhlau and Dussek.

Grades III and IV.

Czerny op. 636, Biehl op. 66, Czerny op. 299, Bach little Preludes and Fugues, Heller op. 45 and 46, Haendel Fhugetten, Sonatines Kuhlau and easier Sonatas by Clementi, Haydn, and Mozart.

Grades IV and V.

Czerny op. 740, Cramer etudes, Loeschorn op. 38, Jensen

op. 32, Bach Inventions, Sonatas by Mozart, Haydn, Clementi and the easier ones by Beethoven.

Grades V and VI.

Clementi Gradus ad Parnassum, Chopin op. 25 and 10, Liszt etudes, the more difficult Sonatas of Beethoven, Chopin and others.

Suggestive Points.

All through the piano course great attention is given to technique, commencing from the first finger exercises to the most difficult passage work. Especial attention is given to the right training of the wrist and arm. Students are required to take one term of Harmony before going from the third to the fourth grade.

Graduates are required to take one year of Harmony.

During the fall and winter term free lectures on musical history will be given, which students are expected to attend.

No charge is made for students recitals, lectures, readings, etc.

All music students are expected to attend the classes in sight reading, for the ability to read at sight is the foundation of a true musical education.

Male students will on application to the secretary be admitted to the Apollo club, after giving proof of their ability to sing.

A large chorus class is accessible to all students.

Both the Glee club and chorus class are under the personal direction of Prof. Ezerman.

Coe College Quartet.

During the past year there was formed a Male Quartet which already has given great pleasure to many audiences. It consists of Frank V. Smith, 1st tenor; Robert T. Smith, 2nd tenor; E. M. C. Ezerman, 1st bass; Harry Tisdale, 2nd bass.

STUDENTS.

SENIOR CLASS.

NAME.				RESIDENCE.
Bandy, Paul Stathen,	-	-		Bellevue, Nebraska
Brown, Charles Calhoun,	-	-	-	Perry, Iowa
Roman, Ida,	-	-	-	Cedar Rapids
Smith, Annie Yule,	-	-	-	Cedar Rapids
Weyer, Clarence William,	-	-	-	Shellsburg, Iowa

JUNIOR CLASS.

Broeksmit, Mary Helen,	-	-	-	Cedar Rapids
Buchanan, Josie Lee,	-	-	-	Wapello, Iowa
Clark, Abbie May,	-	-	-	Strawberry Point, Iowa
Clark, Pearl,	-	-	-	Cedar Rapids
Crenshaw, Hattie Laura,	-	-	-	Marengo, Iowa
Egloff, Lillian Theresa,	-	-	-	Waterloo, Iowa
Fisher, Alzo J.,	-	-	-	Ackley, Iowa
Ilsley, Harry E.,	-	-	-	Grand Junction, Iowa
Kearns, Carl Emerson,	-	-	-	Springville, Iowa
Kendall, Alberta,	-	-	-	Marion, Iowa
Myers, Amy Ellen,	-	-	-	Cedar Rapids
Seager, Minnie Myrtle,	-	-	-	Marion, Iowa
Smith, Sarah Jane Graham,	-	-	-	Cedar Rapids
Smyth, William Woods,	-	-	-	Marion, Iowa
Spicer, Frank William,	-	-	-	Blairstown, Iowa
Stratford, Arthur A.,	-	-	-	Odebolt, Iowa

SOPHOMORE CLASS.

Beechley, Lorette Jesse,	-	-	-	Cedar Rapids
Brewer, Wesley Corwin,	-	-	-	Vinton, Iowa

Fogg, Joseph G.,	-	-	-	Epworth, Iowa
Fowler, Kate Marcia,	-	-	-	Clinton Iowa
Koons, Edwin Wade,	-	-	-	La Porte City, Iowa
Manson, Rebecca,	-	-	-	Marion, Iowa
McKechnie, Margaret,	-	-	-	Atkins, Iowa
Moffit, Martha,	-	-	-	Mechanicsville, Iowa
Paterson, William B.,	-	-	-	Boone, Iowa
Reed, Mae Claire,	-	-	-	Lohrville, Iowa
Tow, Sara,	-	-	-	Norway, Iowa
White, Cheney Lloyd,	-	-	-	Marion, Iowa
Vincent, Howell Smith,	-	-	-	Dysart, Iowa

FRESHMAN CLASS.

Albaugh, Charles Reed,	-	-	-	Cedar Rapids
Bandy, John,	-	-	-	Bellevue, Nebraska
Broeksmit, John Shaw,	-	-	-	Cedar Rapids
Creswell, William James,	-	-	-	Cedar Rapids
Egloff, Edith Eglantine,	-	-	-	Waterloo, Iowa
Emerson, Catherine Enid,	-	-	-	Cedar Rapids
Lubbock, Robert Thomas,	-	-	-	Cedar Rapids
McKinlay, Arthur L.,	-	-	-	Cedar Rapids
Miller, Frances,	-	-	-	Fargo, North Dakota
Munger, Ruth Ellen,	-	-	-	Cedar Rapids
Nisley, Frank Newton,	-	-	-	Blairstown, Iowa
Snyder, Mary Carolyn,	-	-	-	Cedar Rapids
Spencer, Bertha,	-	-	-	Cedar Rapids
Spicer, Samuel Sherman,	-	-	-	Blairstown, Iowa
Umbarger, Clara L.,	-	-	-	Odebolt, Iowa
Umbarger, Florence Louise,	-	-	-	Odebolt, Iowa
Waite, Mabel Cornelia,	-	-	-	Cedar Rapids
White, Harry Clyde,	-	-	-	Cedar Rapids
Wilson, Irene,	-	-	-	Parkersburg, Iowa
Youel, John Elton,	-	-	-	Atkins, Iowa

SPECIAL STUDENTS.

Adams, Olive May, -	-	-	-	Cedar Rapids
Brazelton, Alice May, -	-	-	-	Coggon, Iowa
Dunlap, Belle O., -	-	-	-	Alburnett, Iowa
Epler, Jessie Winifred,	-	-	-	Cedar Rapids
Hamilton, Margaret,	-	-	-	Cedar Rapids
Hathorne, Kathleen, -	-	-	-	Cedar Rapids
Hollabaugh, Bess, -	-	-	-	Cedar Rapids
Laurance, Mary E., -	-	-	-	Cedar Rapids
Lubbock, Ida, -	-	-	-	Cedar Rapids
McConkie, Elsie, -	-	-	-	Cedar Rapids
Mills, Florence Eliza,	-	-	-	Cedar Rapids
Straley, Will L., -	-	-	-	Marion, Iowa
White, May Lilian, -	-	-	-	Cedar Rapids
Witwer, Grace Charlotte,	-	-	-	Cedar Rapids

ACADEMIC.

Adams, Charles W. -	-	-	-	Cedar Rapids
Albaugh, Redmond D., -	-	-	-	Cedar Rapids
Armstrong, Chester Arthur,	-	-	-	Cedar Rapids
Armstrong, Fred Bert, -	-	-	-	Cedar Rapids
Butterfield, Frank, -	-	-	-	Waterloo, Iowa
Chandler, Perley Bickford, -	-	-	-	Marengo, Iowa
Daniels, Mary Calphurnia,	-	-	-	Cedar Rapids
Deacon, Mary, -	-	-	-	Cedar Rapids
Deacon, William M., -	-	-	-	Cedar Rapids
Dix, Helen May, -	-	-	-	Cedar Rapids
Ely, John Montague, -	-	-	-	Cedar Rapids
Fuhrmeister, Luther Andrew,	-	-	-	Ely, Iowa
Grandle, Frank P., -	-	-	-	Marion, Iowa
Hall, Edward Jay, -	-	-	-	Cedar Rapids
Harvey, Earl Renshaw, -	-	-	-	Kenwood Park, Iowa
Jordan, Stella May, -	-	-	-	Cedar Rapids

Kerr, Ralph,	-	-	-	-	-	Chicago
Kirk, Marjorie, -	-	-	-	-	-	Cedar Rapids
Martin, Whitney Dale,	-	-	-	-	-	Marion, Iowa
Niles, Frederick,	-	-	-	-	-	Cedar Rapids
Owens, Alma Elizabeth,	-	-	-	-	-	Atkins, Iowa
Perkins, Fred Elliott,	-	-	-	-	-	Cedar Rapids
Preston, Mary,	-	-	-	-	-	Cedar Rapids
Reynolds, Everett,	-	-	-	-	-	Cedar Rapids
Reynolds, Virgie,	-	-	-	-	-	Centre Point, Iowa
Sanders, Helen,	-	-	-	-	-	Cedar Rapids
Solomon, Hattie,	-	-	-	-	-	Cedar Rapids
Solomon, Jennie,	-	-	-	-	-	Cedar Rapids
Spencer, Fred Charles,	-	-	-	-	-	Cedar Rapids
Stewart, Alice Belle,	-	-	-	-	-	Cedar Rapids
Street, Eunice Helen,	-	-	-	-	-	Monticello, Iowa
Swartz, Bertha M.,	-	-	-	-	-	Cedar Rapids
Taylor, DeVee,	-	-	-	-	-	Toddville, Iowa
Taylor, Maude, -	-	-	-	-	-	Toddville, Iowa
Thomson, William Moore,	-	-	-	-	-	Lakeside Nebraska
Wilson, Raymond Everett,	-	-	-	-	-	Cedar Rapids
Youel, Charles Doak,	-	-	-	-	-	Atkins, Iowa
Young, Stella,	-	-	-	-	-	Cedar Rapids

MUSIC STUDENTS.

Augsbury, Winnifred,	-	-	-	-	-	Cedar Rapids
Bedner, Anna R., -	-	-	-	-	-	Cedar Rapids
Brazelton, May,	-	-	-	-	-	Coggon, Iowa
Broeksmit, Mary Helen,	-	-	-	-	-	Cedar Rapids
Consigny, Lilian,	-	-	-	-	-	Cedar Rapids
Cunningham, Mae,	-	-	-	-	-	Wayne, Nebraska
Deacon, William M.,	-	-	-	-	-	Cedar Rapids
Deacon, Mary,	-	-	-	-	-	Cedar Rapids
Douglas, Ruby M.,	-	-	-	-	-	Cedar Rapids
Elson, Clara,	-	-	-	-	-	Cedar Rapids

Ely, Mary Esther,	-	-	-	-	Cedar Rapids
Fox, Merritt L.,	-	-	-	-	Cedar Rapids
Fisher, Alzo J.,	-	-	-	-	Ackley, Iowa
Goodrich, Gertrude,	-	-	-	-	Cedar Rapids
Hormel, Gertrude,	-	-	-	-	Cedar Rapids
Hix, Ralph M.,	-	-	-	-	Cedar Rapids
Jenkins, Luella E.,	-	-	-	-	Cedar Rapids
Mihills, Emily,	-	-	-	-	Cedar Rapids
Merril Laura A.,	-	-	-	-	Cedar Rapids
Mokreish, John,	-	-	-	-	Cedar Rapids
Munger, Earl A.,	-	-	-	-	Cedar Rapids
Munger, Elsie,	-	-	-	-	Cedar Rapids
Martin, W. Dale,	-	-	-	-	Marion, Iowa
Newman, Irene R.,	-	-	-	-	Cedar Rapids
Perkins, Maud,	-	-	-	-	Cedar Rapids
Rudolph, Bessie,	-	-	-	-	Cedar Rapids
Smith, Sarah Jane Graham,	-	-	-	-	Cedar Rapids
Sherman, Phoebe M.,	-	-	-	-	Cedar Rapids
Searles, Hazel,	-	-	-	-	Cedar Rapids
Saunders, Marie,	-	-	-	-	Cedar Rapids
Spicer, Frank William,	-	-	-	-	Blairstown, Iowa
Smith, Frank V.,	-	-	-	-	Cedar Rapids
Smith, Robert T.,	-	-	-	-	Cedar Rapids
Tisdale, Harry,	-	-	-	-	Cedar Rapids
Unangst Joyce H.,	-	-	-	-	Marion, Iowa
Vincent, Howell Smith,	-	-	-	-	Dysart, Iowa
Wettstein Maud,	-	-	-	-	La Porte City, Iowa
Wheeler, Edith,	-	-	-	-	Chicago
Youell, John Elton,	-	-	-	-	Cedar Rapids

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COE COLLEGE.

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Total.....	145
Deduct those enrolled twice ..	10
	<hr/>
Net total	135

Lyon, Milo L., - - Prin. of Schools, Ashton, Illinois
Reed, Mary, - - - - Teacher, Cedar Rapids

1888.

Adams, James H., - Attorney at Law, Omaha, Nebraska
Brown, H. Augusta, Teacher, 2234 Pacific Ave., San Francisco
Goodrich, Hattie L., - Mrs. Goodale, Des Moines, Iowa
Hall, Samuel M., - - Attorney at Law, Cedar Rapids
Pelton, DeWitt L., Pastor First Pres. Church, Bloomington,
[Illinois
Warburton, Stanton, E., Attorney at Law, Tacoma, Wash.
Witwer, Mary H., Mrs. DeWitt L. Pelton, Bloomington

1891.

Clark, Charles Francis, - Attorney at Law, Cedar Rapids
Jackson, William Tecumseh, - - Marion, Iowa
Jordan, William Henry, Pastor Pres. Church, Grundy Cen-
[ter, Iowa
Littell, James Harper, Pastor First Pres. Church, Wheeling,
[West Virginia
Littell, William Archibald, Pastor Pres. Church, Wellsville, O.
Stookey, Calvin Grant, - Physician, Troy Mills, Iowa

1892.

Bailey, Rev. Arthur Gee,	McCormick Seminary, Chicago
Burnett, William, - - - - -	
Good, James William, -	Attorney at Law, Cedar Rapids
Leonard, George Edward,	Attorney at Law, Chamber of [Commerce, Chicago.
Titus, Lilla, - - -	Teacher, Marion, Iowa

1893.

Bailey, May Theodora, Mrs. E. E. Hastings, Odebolt, Iowa
Burkhalter, Lucy, - - - - Cedar Rapids

Carpenter, Oval W.,	-	-	-	-	Marion, Iowa
Charles, James Knox,	-	-	-	-	Banker, Chicago
Cock, Bessie M.,	-	-	-	-	Teacher, Cedar Rapids
Deacon, Lucy,	-	Mrs. James W. Good,	-	-	Cedar Rapids
Frick, Adelaide E.,	-	-	-	-	Cedar Rapids
Frick, May Florence,	-	-	-	-	Cedar Rapids
Griffith, James Edwin,	-	-	-	-	Druggist, Audubon, Iowa
Hastings, Eugene E.,	-	Pastor Pres. Church,	-	-	Odebolt, Iowa
Kelly, Franklin John,	-	-	-	-	Omaha, Nebraska
Stanley, Anna,	-	-	-	-	Mrs. Graham, Chicago
Tomlinson, Frances E.,	-	-	-	-	Cedar Rapids

1894.

Bryant, Rev. George Washington,	-	-	-	-	Grand Rapids, Michigan
Dodd, Ida May,	-	Teacher Coe Academy,	-	-	Cedar Rapids
Lubbock, Harriet M.,	-	-	-	-	Teacher, Cedar Rapids
McDaniel, Clara Belle,	-	-	-	-	Teacher, Hampton, Iowa
Moffett, Howard Ervien,	-	Record Printing Co.,	-	-	Cedar Rapids
Skinner, Frank Stephen,	-	-	-	-	Physician, Marion, Iowa
Slater, Emma Gustava,	-	-	-	-	Teacher, Brooklyn, Iowa
Waite, Claire Luther,	-	-	-	-	Pastor, Martelle, Iowa

1895.

Clark, Paul Newton,	-	Journalist, 1053 Ellicott Square,	-	-	Buffalo
Conn, Grace F.,	-	-	-	-	Mrs. Leatham, Indianapolis
McLeish, Harriet W.	-	-	-	-	Brandon, Iowa
Moffett, William Nelson,	-	College Phys. & Surgeons,	-	-	Grundy
					[Center, Iowa]
Murray, Fred Gray,	-	-	-	-	Rush Medical, Cedar Rapids
Neff, Samuel Harmer,	-	Business 1053 Ellicott Square,	-	-	Buffalo
White, Winnifred J.,	-	-	-	-	Teacher, Osage, Iowa
Witwer, Jessie June,	-	-	-	-	Cedar Rapids

1896.

Bryant, Ursula Page,	-	-	-	Marion, Iowa
Hall, Abbie Harriet,	-	-	-	Teacher, Cedar Rapids
McMillin, Clyde Ralston,	-	-	-	McCormick Seminary, Chicago
Sherrick, Marion Manum,	-	-	-	Ithaca, Michigan
Stanley, Clarence J.,	-	-	-	Springville, Iowa
Stevenson, Janette Lindsay,	-	-	-	Teacher, Pawnee City, Nebraska
Tuttle, Carl Edwin,	-	-	-	Teacher, Center Point, Iowa
Watt, Walter Gilmore,	-	-	-	Student of Law, Iowa Univ., Iowa City

1897.

Bailey, Bert H.,	-	-	-	-	Cedar Rapids
Blackmun, Ernest Lynwood,	-	-	-	-	Alden, Minnesota
Krebs, Laura Mae,	-	-	-	-	Cedar Rapids
Miller, Mollie Letson,	-	-	-	-	Cedar Rapids
McDaniel, Edwin Bruce,	-	-	-	-	Cedar Rapids
McEwen, Leland Cummings,	-	-	-	-	Cedar Rapids
Thompson, John McCandless,	-	-	-	-	Kenwood Park, Marion, Iowa
Wiley, Samuel,	-	-	-	-	Cedar Rapids

NOTICE.

This Catalogue has been printed by the courtesy of the following prominent business houses of Cedar Rapids, friends and supporters of Coe College:

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MAIN BUILDING AND WILLISTON HALL.

ANNUAL CATALOGUE

OF

GOE COLLEGE

FOR THE

EIGHTEENTH YEAR

1898-1899.



COLLEGE CALENDAR.

1898.

SEPT. 14, Wednesday, Fall Term begins.
SEPT. 15, Thursday, Class Work begins.
SEPT. 18, Coe College in the Churches.
OCT. 11, Meeting of the Board of Trustees.
NOV. 24, Thanksgiving Day.
DEC. 9, Home Oratorical Contest.
DEC. 16-22, Term Examination. DEC. 22, Term Ends.

1899.

JAN. 3, Tuesday, Winter Term begins. Class work begins.
JAN. 6, Announcement of Subjects for Prize Orations and Essays.
JAN. 26, Thursday, Day of Prayer for Colleges.
MARCH 10, Friday, The Sinclair Society Graduating Exercises.
MARCH 17, Friday, The Alpha Nu Society Graduating Exercises.
MARCH 17-22, Term Examinations. MARCH 22, Wednesday, Term ends.
MARCH 28, Tuesday, Spring Term begins. Class Work begins.
APRIL 7, The Carlton Society Graduating Exercises.
APRIL 14, The Olio Society Graduating Exercises.
MAY 6, Prize Orations due.
MAY 12, Commencement Theses due.
MAY 15, Prize Essays due.
MAY 26, Friday, 8 p. m, Coe Academy Entertainment.
MAY 29-31, Senior Examinations.
JUNE 1-5, General Examinations.
JUNE 1, Thursday, 8 p. m., Junior Exhibition.
JUNE 2, Friday, Coe College Glee Club Annual.
JUNE 3, Saturday, Field Day.
JUNE 4, Sunday, 10:30 a. m., Baccalaureate Sermon by President.
JUNE 4, Sunday, 8 p. m. Sermon before the Christian Associations.
JUNE 5, Monday, 8 p. m., Dows' Essay Contest.
JUNE 6, Tuesday, Examination for Admission.
JUNE 6, Tuesday, 9 a. m., Meeting of the Board of Trustees.
JUNE 6, Alumni Day.
JUNE 6, 3 p. m., Class Day Exercises.

COLLEGE CALENDAR.

1899.

- JUNE 6, 8 p. m., Bever Oratorical Prize Contest.
JUNE 7, Wednesday, 10 a. m., Annual Commencement.
JUNE 7, Afternoon, Alumni Banquet and Reunions.
JUNE 7, 9 p. m., President's Reception.

SUMMER VACATION.

Session of 1899 and 1900 begins.

- SEPT. 13, Wednesday, Fall Term begins. Students will meet in the College Chapel at 9 a. m.
SEPT. 17, Coe College in the Churches.
OCT. 11, Meeting of the Board of Trustees.
NOV. 30, Thanksgiving Day.
DEC. 8, Home Oratorical Contest.
DEC. 14, Washington Memorial Day.
DEC. 15-21, Term Examinations.
DEC. 21, Fall Term ends.

1900.

- JAN. 3, Wednesday, Winter Term begins. Class Work begins.
JAN. 5, Announcements of Subjects for Prize Orations and Essays.
JAN. 25, Thursday, Day of Prayer for Colleges.
MARCH 9, Friday, The Olio Society Graduating Exercises.
MARCH 16, Friday, The Sinclair Society Graduating Exercises.
MARCH 16-21, Term Examinations. MARCH 21, Wednesday, Term ends.
MARCH 28, Wednesday, Spring Term begins. Class Work begins.
APRIL 6, The Alpha Nu Society Graduating Exercises.
APRIL 13, The Carlton Society Graduating Exercises.
MAY 4, Prize Orations due.
MAY 11, Commencement Theses due.
MAY 14, Prize Essays due.
MAY 25, Coe Academic Entertainment.
MAY 29-31, Senior Examinations.
MAY 31, Thursday, 8 p. m., Junior Exhibition.
JUNE 1-4, General Examinations.

COLLEGE CALENDAR.

1900.

- JUNE 1, Friday, Coe College Glee Club Annual.
- JUNE 2, Saturday, Field Day.
- JUNE 3, Sunday, 10:30 a. m., Baccalaureate Sermon by President.
- JUNE 3, Sunday, 8 p. m., Sermon before the Christian Associations.
- JUNE 4, Monday, 8 p. m., Dows' Essay Contest.
- JUNE 5, Tuesday, Examination for Admission.
- JUNE 5, Tuesday, 9 a. m., Meeting of the Board of Trustees.
- JUNE 5, Alumni Day.
- JUNE 5, 3 p. m., Class Day Exercises.
- JUNE 5, 8 p. m., Bever Oratorical Prize Contest.
- JUNE 6, Wednesday, 10 a. m., Annual Commencement.
- JUNE 6, Afternoon, Alumni Banquet and Reunions.
- JUNE 6, 9 p. m., President's Reception.

SUMMER VACATION.

Session of 1900 and 1901 begins.

SEPT. 12, Wednesday, Fall Term begins.

TRUSTEES OF COE COLLEGE.

Rev. E. H. Avery, D. D.,	-	-	-	President of the Board
Mr. C. B. Soutter,	-	-	-	Vice President of the Board
Mr. John S. Ely, A. B.,	-	-	-	Secretary
Mr. J. C. Broeksmit,	-	-	-	Treasurer
Mr. N. K. Beechley, A. M.,	-	-	-	Assistant Treasurer

1899.

Mr. George B. Douglas,	-	-	-	Cedar Rapids, Iowa
Mr. George W. Wynn,	-	-	-	Cedar Rapids, Iowa
Mr. J. C. Broeksmit,	-	-	-	Cedar Rapids, Iowa
John F. Ely, M. D.,	-	-	-	Cedar Rapids, Iowa
Rev. D. S. McCaslin, D. D.,	-	-	-	Cedar Rapids, Iowa
Mr. P. C. Frick,	-	-	-	Cedar Rapids, Iowa
Hon. S. L. Dows,	-	-	-	Cedar Rapids, Iowa
Rev. F. W. Russell,	-	-	-	Marshalltown, Iowa
Mr. F. H. Milligan,	-	-	-	Tipton, Iowa

1900.

Mr. John Sinclair,	-	-	-	New York City, New York
C. J. Deacon, Esq.,	-	-	-	Cedar Rapids, Iowa
Hon. James Wilson,	-	-	-	Washington, D. C.
Mr. C. G. Greene,	-	-	-	Cedar Rapids, Iowa
Mr. W. S. Cooper,	-	-	-	Cedar Rapids, Iowa
Hon. J. S. Alexander,	-	-	-	Marion, Iowa
Rev. C. H. Purmort, D. D.,	-	-	-	Waterloo, Iowa
Rev. T. S. Bailey, D. D.,	-	-	-	Traer, Iowa
Rev. W. H. Jordan,	-	-	-	Grundy Center, Iowa
*Mr. J. S. Butler,	-	-	-	Springville, Iowa

1901.

Rev. E. H. Avery, D. D.,	-	-	-	Vinton, Iowa
Rev. E. R. Burkhalter, D. D.,	-	-	-	Cedar Rapids, Iowa
Mr. John S. Ely,	-	-	-	Cedar Rapids, Iowa
Mr. C. B. Soutter,	-	-	-	Cedar Rapids, Iowa
Rev. J. K. Fowler, D. D.,	-	-	-	Clinton, Iowa
Lewis Heins, Esq.,	-	-	-	Cedar Rapids, Iowa
Mr. J. M. Dinwiddie,	-	-	-	Cedar Rapids, Iowa
Mr. George Wells,	-	-	-	Wellsburg, Iowa
Mr. James Black,	-	-	-	Waterloo, Iowa
Mr. A. T. McDonald,	-	-	-	Independence, Iowa

*Deceased.

STANDING COMMITTEES.

EXECUTIVE COMMITTEE.

C. B. SOUTTER, J. S. ALEXANDER.
GEO. B. DOUGLAS, C. J. DEACON, J. C. BROEKSMIT,
LEWIS HEINS, P. C. FRICK, C. G. GREENE,
JOHN S. ELY.

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GEORGE B. DOUGLAS, P. C. FRICK, J. S. ELY.

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W. S. COOPER, C. G. GREENE, N. K. BEECHLEY.

CURRICULUM COMMITTEE.

E. R. BURKHALTER, D. S. McCASLIN, S. B. McCORMICK.

LIBRARY COMMITTEE.

C. J. DEACON, G. W. WYNN, JAMES WILSON.

HONORARY DEGREES.

E. H. AVERY, E. R. BURKHALTER, D. S. McCASLIN.

THE FACULTY.

REV. S. B. McCORMICK, A. M. D. D., PRESIDENT
Professor of Mental and Moral Science.

REV. ROBERT CONDIT, A. M., DEAN,
Professor of Greek Language and Literature.

MISS ALICE KING,
Professor of History.

CLINTON O. BATES, A. B., Ph. D.,
Professor of Chemistry and Physics.

STEPHEN W. STOOKEY, Sc. M.,
Professor of Biological Sciences.

L. R. ASH, B. C. E., B. E. E.,
Professor of Mathematics and Astronomy.

MISS M. LEEB,
Professor of Modern Languages and Literature.

WILLIAM R. BOYD, Ph. B.,
Lecturer on Economics and Constitutional History.

REV. EDWARD R. BURKHALTER, D. D.,
Professor of Hebrew and Lecturer on Church History

JAMES W. GOOD, A. B., LL. B.,
Lecturer on Elementary and International Law.

*Professor of Latin Language and Literature.

*Chair to be filled at the Annual Meeting in June.

THE FACULTY.

*Professor of English Literature.

J. PERCIVAL HUGGETT, M. Di.,
Head Master Preparatory Department and Professor of Pedagogy.

MISS IDA M. DODD,
Instructor in Academy.

E. M. C. EZERMAN,
Professor of Music.

MRS. MARIAN H. KILBOURNE,
Elocution and Physical Culture.

PROFESSOR STOOKEY,
Secretary of the Faculty and Curator of Museum.

PROFESSOR ASH,
Assistant Treasurer.

MRS. KILBOURNE,
Librarian.

MISS HATTIE L. CRENSHAW,
Assistant Librarian.

MRS. KATHERINE LEES,
Matron of Williston Hall.

MR. C. D. MYERS,
Custodian of the Buildings.

*Chair to be filled at the Annual Meeting in June.

THE COLLEGE AND ITS HISTORY.

Coe College had its origin in a school which the Rev. Williston Jones, pastor of the First Presbyterian church, Cedar Rapids, Iowa, opened in his own house in 1851. Soon thereafter was organized the corporation called "Cedar Rapids Collegiate Institute," with George Greene, president; Sampson C. Bever, treasurer; David Blakely, secretary, and the following persons as directors: William Jones, John F. Ely, Wm. E. Smith, Seymour D. Carpenter, Addison Daniels, Isaac Cook, Wm. Greene, John L. Shearer, and Aaron Van Doran.

In 1853 the Rev. Williston Jones presented to the board of directors an instrument of writing, signed by Daniel Coe, of the County of Greene, of the state of New York, making a conditional donation to the institute of the sum of fifteen hundred dollars, for the purpose of evangelical education in the West. Dr. John F. Ely, Dr. S. D. Carpenter, Isaac Cook, James Ferguson and Rev. Williston Jones were appointed to fulfill the conditions of the grant.

The history of the growth of higher education in Cedar Rapids began with the labors of the above named gentlemen. It has been carried on by some of them, who still live, and others like Rev. James Knox and Judge Greene and Thomas M. Sinclair, who have passed away. Some of the most prominent citizens of Cedar Rapids today are giving their best efforts, both in counsel and money, for the enlargement and permanency of the college.

"The Coe Donation" and the "Parsons Legacy" figure largely in the history of the establishment of a seminary of learning. They were an inspiring force for years, expressed in the successive stages of "Cedar Rapids Collegiate Institute," and finally "Coe College."

In 1881, in accordance with the laws of the state of Iowa, Coe College was chartered with full power to confer honors, degrees and diplomas, such as are granted by any college or university in the United States.

The corporation consists of a board of trustees, thirty in number, ten of whom are chosen annually, each serving a term of three years.

The college is under the oversight of the Presbyterian Synod of Iowa. In 1879 the Rev. Stephen Phelps, D. D., was chosen the first president. He resigned in 1886, and in 1887 the Rev. James Marshall, D. D., of New York, was chosen his successor, and continued in that position until his death in September, 1896. In 1897 the present incumbent was chosen as the successor of Dr. Marshall.

The immediate government and direction of the affairs of the college are vested in the faculty, who are empowered by the board of trustees to determine the subjects and methods of study, and to make such rules and regulations as may be deemed necessary for the best interests of the college.

ADMISSION.

All candidates for admission to the college must present testimonials of good moral character; and if the candidate has been a student in another college or university, he must

present a certificate of honorable dismissal from that institution.

ADMISSION BY CERTIFICATE.

The committee on uniform college entrance requirements appointed by the State Teachers' Association has prepared a list of accredited high schools and academies as set forth below.

Students who have graduated from any one of the fully accredited high schools and academies as set forth in Lists I II, or from other schools of exactly similar grade, will be admitted to the proper course in the Freshman class without examination.

LIST I.

Ackley,	North Des Moines,	Muscatine,
Albia,	Dexter Normal,	New Hampton,
Algona,	Eldora,	Newton,
Ames,	Emmetsburg,	Osage,
Anamosa,	Epworth Seminary,	Oskaloosa,
Atlantic,	Estherville,	Ottumwa,
Boone,	Fairfield,	Perry,
Brooklyn,	Fort Dodge,	Rock Rapids,
Burlington,	Fort Madison,	Rockford,
Charles City Col-	Glenwood,	Red Oak,
lege,	Greenfield,	Sac City Academy,
Cedar Valley Semi-	Grinnell,	Sheldon,
nary,	Howes Academy,	Sigourney,
Carroll,	Hampton,	Sioux City,
Cedar Falls,	Harlan,	Spencer,
Cedar Rapids,	Iowa City,	Traer,

Centerville,	I. C. Academy,	Urbana, Schrader
Cherokee,	Iowa Falls,	Academy,
Clarinda,	Jefferson,	Villisca,
Clinton,	Keokuk,	Vinton,
Corning,	Knoxville,	Washington,
Council Bluffs,	Le Mars,	Wash. Academy,
Creston,	Lyons,	Waverly,
Davenport,	McGregor,	Webster City,
Decorah,	Maquoketa,	East Waterloo,
Denison,	Marengo,	West Waterloo,
Denison Normal,	Marion,	Woodbine Normal,
Dubuque,	Marshalltown,	Whittier College,
East Des Moines,	Missouri Valley,	Wilton, German-
West Des Moines,	Mount Ayr,	English College.

LIST II.

Adel,	Hamburg,	Sanborn,
Bedford,	Ida Grove,	Shenandoah,
Charles City,	Independence,	Sibley,
Columbus Junction,	Leon,	Storm Lake,
Cresco,	Manchester,	Stewart,
Decorah Institute,	Mason City,	Tipton,
Eagle Grove,	Montezuma,	Traer,
Forest City,	Nevada,	Waukon.
Greene,	Osceola,	West Liberty,
Guthrie Center,	Parkersburg,	Williamsburg.
Guthrie County,	Reinbeck,	

LIST III.

The following schools have in some cases a four years course; in other cases a three years' course:

They have not been placed on the accredited list by reason of one or other of the following facts, namely; insufficient

length of course; insufficient number of teachers for the high school work undertaken; too much of the high school time given to grammar school studies; some have only eight months' school; in the case of some the information furnished the committee was not sufficient to form a full judgment, hence they were not placed on the fully accredited list, but it is hoped that they will next year meet the full requirements. Their students will be received without examination for all work certified by the principal or other officer, with the proviso that should the students fail in the advance work to which they are admitted they must review said subjects without extra credit.

Adair,	Corydon,	Mount Pleasant,
Afton,	Coon Rapids,	Nassua,
Alden,	De Witt,	Neola,
Allerton,	Dunlap,	North English,
Anita,	Dysart,	Northwood,
Audubon,	Eldon,	Nora Springs Semi-
Baldwin,	Elkader,	nary,
Battle Creek,	Exira,	Odebolt,
Bedford,	Farmington,	Oelwein,
Bellevue,	Fayette,	Onawa,
Belmond,	Fontanelle,	Orange City,
Belle Plaine,	Garner,	Riceville,
Birmingham,	Glidden,	Richland,
Bloomfield,	Grundy Center,	Rolfe,
Bonaparte,	Hawarden Normal,	Sac City,
Brighton,	Hubbard,	Sioux Rapids,
Britt,	Indianola,	Shelby,
Buffalo Center,	Keosauqua,	Shell Rock,
Capitol Park,	Kingsley,	Springdale,
Charter Oak,	Lake Mills,	Springville,
Chariton,	La Porte,	State Center,

Clarion,	Manning,	Tama,
Clarence,	Mechanicsville,	Victor,
Clearfield,	Milton,	Wapello,
Clear Lake,	Morning Sun,	West Union,
Colfax,	Moulton,	Wilton Junction.

ADMISSION BY EXAMINATION.

Entrance examinations will be held at the college on Tuesday of commencement week and on the first two days of each term, on which days students should present themselves in the president's office at 9 a. m. Where it is possible, advantage should be taken of the earlier date, thus securing the vacation in which to make up any deficiencies.

FRESHMAN ENTRANCE REQUIREMENTS.

CLASSICAL COURSE.

I. LATIN.

1. Grammar, including Prosody. Allen and Greenough; Roman pronunciation.
2. Latin composition. (a) Collar and Daniell's First Book; (b) Jones' Latin Prose Composition, or equivalent.
3. Caesar. First four books of the Gallic war, or selections such as Rolfe & Dennison's Junior Latin Book.
4. Cicero. Six orations, including the four against Catiline and those for Archias and the Manilian law. A portion of Ovid and Sallust may be substituted for two orations of Cicero.
5. Vergil's *Æneid*. Six books; prosody of hexameter verse.

II. GREEK.

1. Greek Grammar—Goodwin. A thorough knowledge of the noun and verb inflections.

2. White's First Lessons.

3. Xenophon. Books I and II of the Anabasis with special regard to the forms and syntax. Selections from books IV and V of the Anabasis or from books I and V of the Cyropedia will be read rapidly or at sight.

4. Greek composition. Translation into Greek of easy prose based upon the Anabasis.

5. Homer. Iliad, book I and book II, lines 1-498, attention being especially given to the dialect, syntax and meter. Book III will be read more rapidly, and parts of it at sight.

NOTE.—Special provision for acquiring Greek will be made for those students who desire to take the classical course but who have not had Greek. Since few high schools are prepared to teach Greek, such students may, if prepared in other branches of study, be admitted to the Freshman class.

III. MATHEMATICS.

1. Arithmetic. Entire, including metric system; White.

2. Algebra. Through quadratic equations; Wentworth or Wells.

3. Geometry. Plane, solid and spherical; Wentworth.

IV. ENGLISH.

1. Grammar.

2. Rhetoric and Composition; Hart. The student must be able to apply the principles of the language accurately and each will be required to write a brief composition on some assigned subject. The subject will be taken from one of the works mentioned under 3.

3. English classics. A thorough study of the following:

1899.

Scott, "Marmion;" De Quincey, "Flight of a Tartar Tribe;" Shakespeare, "Merchant of Venice;" Tennyson, "The Princess;" Webster, "Bunker Hill Oration." Irving, "The Alhambra;" Macaulay, "Essay on Milton."

1900.

Dryden, "Palamon and Arcite;" Pope, "Translation of Iliad," books I, VI, XXII, XXIV; Bunyan, "Pilgrim's Progress;" Scott, "Kenilworth;" De Quincey, "Flight of a Tartar Tribe;" Cooper, "Last of the Mohicans;" Tennyson, "The Princess;" Lowell, "Vision of Sir Launfal;"

V. HISTORY.

1. United States History.
2. Civil Government, Mowry.
3. Oriental Nations, Myers.
4. History of Greece, Myers.
5. History of Rome, Myers.

VI. SCIENCE.

1. Physiology. Martin's Human Body, Shorter Course.
2. Geography. Physical and political.
3. Physics. Avery's Elements.
4. Botany. Gray's Lessons or Bergen's Elements.

PHILOSOPHICAL COURSE.

The requirements for admission are the same as in the Classical course, except that German takes the place of Greek as follows:

VII. GERMAN.

1. Preparatory German, by Edgren and Fossler; reading; grammar.
2. Maerchen and Erzaehlungen by Guerber.
3. Andersen's Maerchen; Super.

4. Collar's Shorter Eysenbach.
5. Storm's Immensee.
6. Hillern's Hoeher als die Kirche.
7. Baumbach's Die Nonna.

SCIENTIFIC COURSE.

The same requirements as in the Philosophical, except that for the work in Cicero and Vergil the following course in French is substituted:

VIII. FRENCH.

1. Grammar and reading; Chardenal's grammar.
2. La Tache Du Petit Pierre. Mairet.
3. French reader; Super.
4. Douze Contes Nouveaux, C. Fontaine.
5. Bigarreau, by Theurier.

NOTE.—Where students come from schools in which French or German is not taught, satisfactory arrangements will be made. Students defective in modern languages and Greek, who register as Freshmen, will be required to make up all their deficiencies before the end of their Sophomore year.

ADMISSION FROM OTHER COLLEGES.

Students from other colleges whose curriculum is substantially the same as our own may be admitted to corresponding standing in Coe, upon presentation of a certificate of dismissal, stating that they were in good and regular standing. Such persons will not be admitted later than the first term of the Senior year.

ADMISSION TO ADVANCED CLASSES.

Admission to an advanced class by examination is conditioned on the candidate's having completed all the studies pursued by that class in regular course. But this does not necessarily mean the same text books or authors, but what may be accepted as a full equivalent. Such students can not be admitted later than the beginning of the Senior year.

ADMISSION TO PARTIAL COURSE.

Those who are not candidates for a degree may, without examination, join any class for which it is found their attainments fit them, and thus pursue a partial course.

ENROLLMENT.

Students desiring to enter any department of the institution will meet the classification committee at the college on registration day. All bills for tuition should be paid in advance to the acting assistant treasurer, and for board, if the students board at Williston Hall. They will then be enrolled as members of the institution by the secretary of the faculty, on presentation of receipts from treasurer.

COURSES OF STUDY.

There are three Courses of study—the Classical, the Philosophical, and the Scientific, each leading to a degree, and each extending through four years. These three differ in the Freshman and Sophomore years. In the Junior and Senior years they are substantially alike in what is required and in presenting the same electives from which to choose. The studies are divided into two classes: (1) Re-

quired, which are regarded as fundamental and essential to a liberal education. Most of the studies of the Freshman and Sophomore years are of this class. (2) Elective, all of which are not indispensable and are, within limits, left to the student's choice. Such choice however should be made with the advice of the Faculty and in some cases must depend on whether a study, which should precede the elective, has been taken. These electives embrace most of the Junior and all the Senior studies. These present a wide field from which to choose and permit the accomplishment of the double purpose of meeting the college requirements and of enabling the student to follow his own aptitudes and further his preparation for his chosen profession. In another part of the catalogue will be found suggested courses for some of the professions.

In the Junior year the required and elective work must not be less than fifteen nor more than eighteen hours per week. In the Senior year the student must take fifteen hours and may not exceed eighteen.

I. The Classical Course.

Latin, Greek, Mathematics, Philosophy, the Sciences, German and English. This course leads to the degree of Bachelor of Arts.

II. The Philosophical Course.

This includes in general the same studies as the Classical, except that German is substituted for the Greek language. This course leads up to the degree of Bachelor of Philosophy.

III. The Scientific Course.

This Course eliminates both Latin (except the prepara-

tory) and Greek as required studies, and substitutes there for French and German, with more extended work in the sciences. This course leads to the degree of Bachelor of Science.

IV. The Partial Course.

This is a fourth course not leading to a degree, provided for those students unable or unwilling to pursue one of the other courses. The design is to give such studies as may be of most practical benefit to those whose time in school is brief. These special students recite to the regular college professors and at the close receive a certificate showing the work accomplished.

OPTIONAL STUDIES.

Optional studies are also provided for in the course, but in order that a student may take such a study he must maintain a general average of eighty. These studies are designed for the benefit of those who may wish to extend their knowledge of certain subjects taken up in the regular course.

DEPARTMENTS OF INSTRUCTION.

A.—PHILOSOPHY AND POLITICAL SCIENCE.

I.—Mental and Moral Science.

THE PRESIDENT.

1. Psychology.

First term Junior year. Three hours each week. Ladd's Outlines of Descriptive Psychology. The aim is to give the

student a knowledge of the laws and phenomena of the mind as well as to cultivate the power of thought.

2. Logic.

Second term Junior year. Three hours weekly. Jevons-Hill. Effort is made to give the student not only a thorough knowledge of logic as a science but to apply the syllogism to the forms of deductive reasoning and to make a thorough test of the knowledge acquired by the use of logical examples.

3. Ethics.

Third term Junior year. Three hours weekly. Mackenzie's Manual of Ethics is the book used, but reference is made to other works, in order that the student may be made acquainted with the leading systems of ethics and also get a clear conception of the basis of obligation and the fundamental principles of morality.

4. Christian Evidences.

Fisher's Christian Evidences. One recitation each week during the Junior year is given to this subject. A complete outline of the evidence upon which the Christian system rests is attempted. The greatest care is exercised that the student be thoroughly grounded in the arguments for Theistic and Christian belief with a view to strengthening the foundations of Christian faith.

5. History of Philosophy.

Fall and winter terms, Senior year. Three hours each week. Weber, with lectures and assigned readings. A survey is made of ancient philosophy from Thales to Aristotle, and of modern philosophy from Descartes to Hegel.

6. Butler's Analogy or Lectures on the Relation of the Bible to Modern Thought or on Theism.

Spring term Senior Year. Three hours weekly.

7. The Bible.

(a) The Old Testament is studied throughout the Freshman year one hour weekly. In this study primary reference is had to the history, but emphasis is also laid upon certain Bible characters and epochs and upon the spiritual power and literary beauty of the Old Testament Scriptures.

(b) The New Testament is studied throughout the Sophomore year one hour weekly. It is expected that the student will gain a full and accurate knowledge of the life of our Lord and of the history of the early Church as found in the book of Acts. Study is also made of the Epistles, taking them in their historical connection.

8. Elective Courses.

Elective courses are offered to those students who wish to pursue the subjects beyond what is required.

(a.) Psychology.

Three hours weekly during the winter and spring terms of Junior year.

(b.) Philosophy.

Three hours weekly during the spring term of Senior year.

II.—Political and Social Science and Constitutional Law.

MR. BOYD.

1. Political Economy.

Fall and winter terms, Senior year. Three hours weekly.

Walker's Political Economy, advanced course. Throughout the whole course practical economic and sociological questions are discussed. Besides the study of the historical development of the science, special attention is paid to such subjects as money, banking, taxation, labor problems and Christian socialism.

2. Constitutional Law.

Spring term, Senior year, three hours weekly. This course will consist of lectures, with reference to standard works upon the subject.

3. Sociology.

Three hours weekly; spring term Senior year. Special course in advance of No. 1.

III.—Elementary and International Law.

MR. GOOD.

The aim of this department is to give the student a knowledge of the fundamental principles of the common law and of the law which controls among the civilized nations of the world. A knowledge of these subjects is a most desirable part of a liberal education.

1. Elementary Law.

The subject will be developed for the most part by lectures. Three hours weekly first half Senior year. References to standard text books, especially to Walker's American Law and Robinson's Elementary Law.

2. International Law.

Three hours weekly second half Senior year. Text book. Lectures.

IV.—Pedagogy.

PROFESSOR HUGGETT.

In outlining this course two purposes have been kept in mind. First, to present a course as a part of the regular collegiate work equal in interest and value to the collateral courses in other departments. Second, to present a practical study of the history and science of education for such students as may intend entering the teacher's profession.

1. School Management.

A practical study of the means, methods, and purposes of school work. Among the topics to be studied and discussed will be, school organization and classification; records and reports; methods of instruction and discipline; conditions of easy control; school room sanitation and ventilation; the mutual relations of teachers, parents and pupils; school incentives; moral instruction; Iowa School Laws and Decisions; etc. Lectures, assigned readings and reports. References: Page, White, Baldwin, Patrick, Shoup, Hewitt, Compayre and others. Three hours per week. Fall term, Junior year.

2. Psychology Applied to Education.

Text by Compayre. A study of the problems of education in the light of psychology. Some attention to recent results of scientific child study. This course is somewhat correlated with Course 1. Three hours per week, winter term Junior year.

3. Educational Classics.

Reading of Spencer's Education and Rousseau's Emile. Readings from Comenius, Pestalozzi, Froebel, Herbart and

others. A critical study of at least one educational classic by each member of the class with full report upon it. Three hours per week, spring term, Junior year.

4. History of Education.

(a) General, text by Compayre.

(b) National, text by Boone.

(c) State, lectures, assigned readings and individual research.

References: Painter's History of Education, Quick's Educational Reformers and others. Three hours per week, fall and winter terms Senior year.

5. School Systems and Supervision.

An investigation of present systems of school organization. Order of studies. Courses of study for elementary and secondary schools. Reports of the Committee of Ten and the Committee of Fifteen of the National Educational Association. Reports of City Superintendents and of the U. S. Commissioner of Education. Three hours per week, spring term, Senior year.

B.—HISTORY.

MISS ALICE KING.

To the study of history Coe College would give the high rank it deserves, both as a mental discipline and a necessary part of a finished education, and it is believed that the courses here outlined will lead not only to a knowledge of prominent historic events and personages, but also to a scholarly view of

the great themes of universal history, and a high order of mental culture.

1. Mediaeval History.

This course immediately follows the study of Roman history, and traces the migrations of the Gothic tribes, the empire of Charlemagne, the rise of Mohammedanism, the development of the Papacy, the Crusades, Feudalism, the Renaissance. Lectures are given by the students on assigned themes, and a system of note book work is carried out. Text books, Emerton or Duruy. Begins in Freshman year.

2. History of England.

This course extends through two terms of the Sophomore year, Green's "Short History of the English People" or Gardiner's "History of England" being used as the text book. Readings from Froude, Macaulay and other historians are required, and also several of Shakespeare's historic dramas.

3. Modern History.

This course includes the history of Italy and Germany; or Russia and Spain. It occupies the third term of the Sophomore year and is given chiefly by lectures and assigned readings.

4. History of France.

This course begins in the Junior year and extends through two terms. The text book is Montgomery or Adams, but this is constantly supplemented by reference to other authorities, or lectures on separate personages or epochs.

5. Contemporary History.

This course aims to give a summarized and general sur-

vey of present political conditions throughout the world. Lectures and readings. Third term, Junior year.

6. History of Civilization.

This course uses Guizot's "History of Civilization," and investigates the influences, social, political and religious, that have culminated in the civilization of modern Europe.

7. Philosophy of History.

This course is based on Hegel's "Philosophy of the State and of History." It discusses the events of history as factors in the ethical development of man, traces the law of the growth of freedom, and the government of God in the world's history.

8. Constitutional History of the United States.

This is a brief survey of our nation's history, with especial reference to its political and social development, and to the present conditions of our national life. Johnston is the author followed. Bryce's "American Commonwealth," is used for reference.

9. Constitutional History of England.

This course shows the growth of English institutions, and their connection with those of America, and teaches the forms and operations of the present government of England.

10. Modern Asiatic History.

This course considers political questions of the present time, as touching the countries of India, Japan and China, giving their history since the XVII century, their religions and governments, and relations with the powers of Europe.

Courses 6, 7, 8, 9, 10 are elective in Senior year.

C.—LANGUAGE AND LITERATURE.

I.—The Greek Language.

PROFESSOR CONDIT.

The aim of the study of the Greek is, in the first place, to make thorough Greek scholars, and then to lead the student to an appreciation of the literary value and aesthetic culture of Greek literature. This literature is today a living power.

Selections are read during the course from Xenophon, Herodotus, Homer, Pindar, Æschylus, Plato, Aristophanes, Demosthenes, Thucydides, Greek Testament.

1. Xenophon: *Hellenica*, I-II.

Text book, Blake. Four periods weekly. Greek Grammar and prose composition; Greek history of this period.

2. Herodotus.

Selections; sight reading. Text book, Keep. Four periods weekly. History; the Greek and Persian wars.

3. Homer, *The Odyssey*, Books XXI, XXIV, *The Triumph of Odysseus*.

Text book, Hamilton. Four periods weekly. A study is made of the religion and social customs of those times, and of the Homeric characters as found in Gladstone's *Primer* and Jebb's *Homer*.

4. *Memorabilia* of Xenophon.

Selections; sight reading. Text book, Winan's. Four periods weekly. The life, character and teachings of Socrates are considered in the reading of this work.

5. Attic Orators.

Selections; development of Greek oratory. Greek testament, the Gospel of John. Text book, Westcott and Hort.

6. Odes of Pindar.

Text book, Gildersleeve. Four periods weekly. A survey is taken of lyric poetry. Greek Testament.

7. Prometheus Vincit, Aeschylus.

Text book, Mather. Three periods a week. Elective in Junior year.

Or, The Antigone of Sophocles.

Text book, D'Ooge. Three periods a week. At this time the study of Greek tragedy is entered upon as found in Dr. Munk's work, translated by Verall. Elective in Junior year.

8. Apology, Crito and a part of Phaedo.

Text book, Kitchel. Three periods a week. In the study of this work there is an endeavor to bring out the high culture of the Greeks in literature and philosophy. Elective in Junior year.

9. Aristophanes.

Text book, Merry. Three periods a week. The history of Greek comedy is taken up in connection with this author. Elective in Junior year.

10. Demosthenes, De Corona.

Text book, Tyler. Three periods a week. In considering the orators and oratory of Greece, Bredif's Demosthenes is used as a text book. Elective in Senior year.

11. Thucydides, Book I or VI.

Text book, Morris. Three periods a week. Elective in Senior year.

12. Greek Testament.

The epistles of the Apostle Paul. Text book, Westcott & Hort. Three periods a week. History of the canon and manuscripts of the New Testament. Elective in Senior year. Students in the Philosophical and Scientific courses can elect Greek in the Junior and Senior years.

13. Ancient Literature, Oriental and Classical.

(1) This will include a study of the Hindo, Persian, Chinese, Chaldean, Assyrian, and Egyptian literatures. Special attention will be given to Sanscrit literature and its riches in epic, lyric and dramatic poetry. Elective first term of Senior year. Two periods weekly.

(2) In the second term there will be a consideration of the later discoveries in Babylonia and Egypt as they have reference to the life and literature of those nations. Also a study of the monuments of Rome and Athens and of Roman and Grecian architecture. Elective, second term Senior year. Two periods weekly.

II.—Latin Language and Literature.

PROFESSOR CONDIT AND ———

The aim in this department in the earlier part of the course is to train students in the grammar and syntax of the language. Then to lead them to a careful examination of the intellectual and moral condition of the Roman people.

The authors read are Cicero, Horace, Tacitus, Juvenal, Pliny, Plautus, Terence, Quintilian.

1. Cicero's Cato Major De Senectute.

Text book, Rockwood. Four periods weekly. The Latin grammar is reviewed and thorough work done in Latin prose composition.

2. Livy, Books XXI and XXII.

Sight Reading; prose composition; Roman history as it bears on the life and times of Livy; the Roman army and navy. Text book, Lord. Four periods weekly.

3. Odes and Epodes of Horace.

Text book, MacLeane or Storey. Three periods weekly. Sight reading; a study of the golden age of Latin literature and special written translations of assigned odes.

4. Satires and Epistles of Horace.

Text book, Kirkland. Three periods weekly. Sight reading; Roman Mythology; an investigation of the home and civic life of the Romans in the time of Horace.

5. Tacitus, Germania and Agricola.

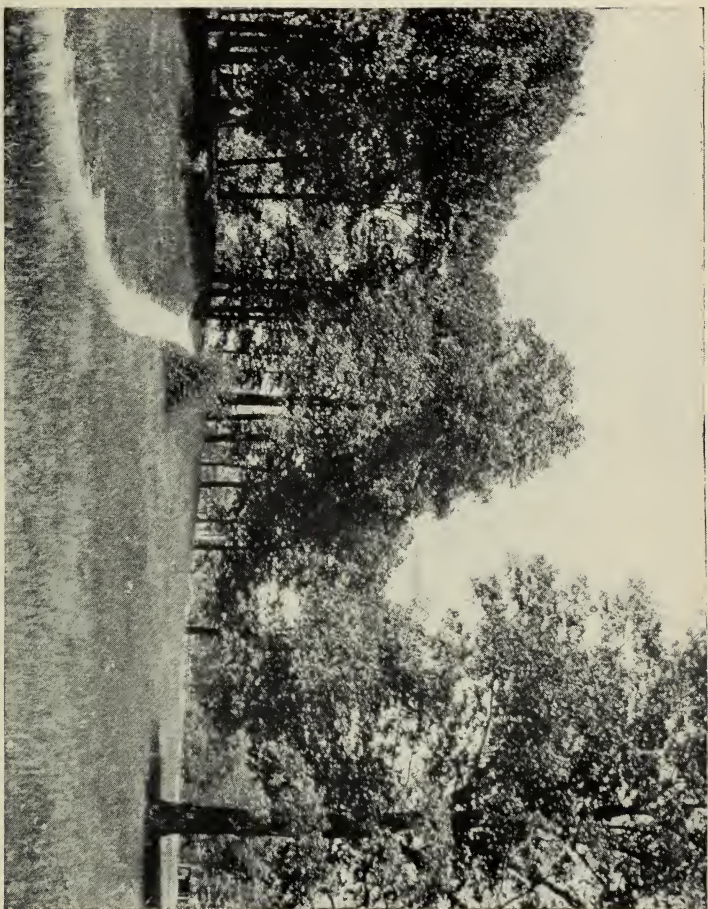
Text book, Hopkins. Three periods weekly. Sight reading; Roman architecture (Smith).

6. Juvenal's Satires.

Text book, Lindsay. Three periods weekly. History of Roman Satire; sight reading. Elective in Junior year.

7. Cicero, Tusculan Disputations.

Text book, Kellogg. Three periods weekly. Elective in Junior year.



THE KNOLL.

8. *Selections from the Letters of the Younger Pliny.*
Text book, Westcott. Three periods weekly. Elective in Junior year.
9. *Plautus, Selected Plays.*
Text book, Ramsay. Three periods weekly.
- Or, *Terence, Andria and Heuton Timorumenos.*
Text book, West. Development of Latin comedy. Elective in Senior year.
10. *Quintilian De Institutione. Oratoria Libri XII.*
Text book, Frieze. Three periods weekly. Study of Roman Oratory. Roman deliberative assemblies. Elective in Senior year.
11. *Cicero, De Natura Deorum.*
Text book, Stickney. Three periods weekly. Elective in Senior year.

III.—French Language and Literature.

MISS LEEB.

The modern languages are taught with a view to the best practical results. The object of learning these living languages, is not only to be able to speak and write them if possible, but also to be able to obtain the literature, the science, and the discussions of living questions of the day in these living tongues. The knowledge of the modern, like that of the ancient languages is obtained only through severe study. The grammar is absolutely essential to the true appreciation of any language; therefore the grammatical construction is kept constantly before the student. The best French and

German authors are read to familiarize the pupils with the diction as well as with the thought that makes these tongues worthy of our study.

French is required as a preparatory study only in the Scientific course. Students wishing to take this course who come from schools in which French is not taught, will be admitted into the Freshman class and will take the study with the preparatory class.

French is a required study in the Freshman and Sophomore years in the Scientific course.

In the Junior and Senior years French is offered as an elective.

In the Classical course it may be elected instead of German by those who may prefer to do so.

Composition, Reading and Conversation continue through the entire course.

1. Reading, Composition and Conversation.

Freshman, fall (three hours) and winter terms (two hours).

A' Abbe' Constantín, Halevy.

2. La Princesse de Cleves, La Fayette.

Two hours, spring term.

3. Le Conscrit, Erckmann—Chatrían.

First term, Sophomore; three hours.

4. Les Miserables, Victor Hugo.

Winter and spring term, Sophomore; three hours.

5. Balsac's Le Cure' de Tours.

Fall term, Junior; three hours.

Histoire de Charles XII, Voltaire.

Winter and spring term, Junior; three hours.

Readings from French History.

Fall term, Senior; three hours.

Sept Grands Auteurs du Dix-neuvieme Siecle Fortier.

Winter term, Senior; three hours.

Pecheur d'Islande, Loti.

Three hours, Spring term; Senior.

0. *Grammar, Reading, Conversation.*

Sophomore Alternative Mathematics. Fall term, three hours weekly. Grammar, Muzzarelli's First Year, Whitney's Introductory French Reader.

1. *L'Abbe' Constantin, Halevy.*

Sophomore Alternative of Mathematics. Winter term, Three hours weekly.

2. *Le Conscrit Erckmann—Chatrian.*

Sophomore Alternative of Mathematics. Spring term, three hours weekly.

IV.—German Language and Literature.

MISS LEEB.

In the Classical course German is required during the junior year, three hours per week, and is continued as an elective or double elective during the Senior years, three hours per week.

In the Philosophical and Scientific courses an elementary knowledge of German is required as a condition of admission to the Freshman class. Where the student comes from a school which does not provide it, he will in these courses be conditioned in German. The required work in the college continues through the freshman year, three periods a week and Sophomore year, four periods a week. In the Junior and Senior years German is elective.

Composition and conversation continue through the whole course.

1. Composition and Reading.

Die Waldheimat, Rosegger.

Fall term, Freshman; four hours.

2. Iphigenie, Goethe.

Winter term, Freshman; four hours.

3. Wilhelm Tell, Schiller.

Spring term, Freshman; four hours.

4. Ekkehard, Scheffel.

Fall term, Sophomore; four hours.

5. Soll und Haben, Freytag.

Winter and spring, Sophomore; four hours.

6. Hermann und Dorothea, Goethe.

Fall and winter term, Junior; three hours, elective.

7. Maria Stuart, Schiller.

Spring term, Junior; three hours, elective.

8. Rittmeister v. Alt Rosen, Freytag.

Fall term, Senior; three hours, elective.

Sintram U. S. Gefahrten Fouque.

Winter term, Senior; three hours, elective.

. Emelia Galotte, Lessing.

Spring term, Senior; three hours, elective.

. Grammar.

Collar's, Eysenbach German Reader, Van Daell. Junior
Classical; fall term, three hours.

2. Immensee, Theodore Storm.

Junior Classical; winter term, three hours.

3. Wilhelm Tell, Schiller.

Junior Classical, spring term, three hours.

V.—English Language and English Literature.

MISS ALICE KING.

In this department it is the aim to give a thorough knowledge of the English language and a true appreciation of its literature. The courses vary somewhat each year.

4. Rhetoric.

The principles of rhetoric having been already acquired, the student takes up in the Freshman year, an advanced line of study. The preparation of outlines, abstracts, paraphases and other forms of rhetorical expression is required. Descriptive and Narrative writing is practiced, and examples of these literary types are studied. In the Sophomore year Exposition, Argumentation, and Oratory are made the subjects of careful analysis, with the reading and criticism of illustrative selections. Genung's Rhetoric, and Cairn's

"Forms of Discourse" are the text books used. Some special study is also made of American authors.

2. English Literature.

This course begins in the Sophomore year. Its purpose is to lay a broad foundation for the systematic study of English literature by arousing a taste for literary work and preparing for future research and practice. The course outlines historically the development of English literature, and shows how it was influenced by English life and morals. Representative authors are critically studied. Brooke's English Literature serves as a guide but other writers are freely consulted. Reading and criticism required.

For 1899 the following work is planned: (a) CHAUCER: Lectures on Chaucer's life and works; his contemporaries and immediate successors. Readings from the Canterbury Tales. (b) SPENSER: Lectures on Spenser and his works with selected readings.

3. Elizabethan Era.

This course consists essentially of the study of the drama. Lectures are given on the drama as a literary form, on its rise and development in England, on the Miracle plays with readings from them. Also readings from pre-Shakespearean dramatists. Shakespeare's plays are read, and critical essays on their themes and characters prepared by the class.

4. Queen Anne Period.

In this course Pope's works are read as representative of the classic idea in poetry; and Addison and other authors are compared with special reference to the development of the essay as a literary type.

Literary Criticism.

In this course McLaughlin's "Literary Criticism" and Jewes' "Elements of Success in Literature" serve as a basis for the discussion of literary principles and their application to the interpretation of literary productions. A critical study of some representative work or department of literature is required.

Continental Literature.

This course presents the great works of continental literature in a series of lectures with selected readings. The subjects vary with different years. During 1898 Italian and French literatures were the ones chiefly considered; in 1899 the Italian and the Spanish.

Nineteenth Century Literature.

The design of this course is to bring before the student the literary characteristics of his own time. It treats of such forms and such writers as have been most influential during the present century, and the tendencies of the English literature of today. Lectures; readings; papers.

American Classics.

This course includes the historic development of American literature, the discussion of leading types and authors, and the study of illustrative master pieces. Lectures, critiques, essays.

9. Prose fiction from Richardson to George Eliot; preceded by a study of prose fiction as a form of literary art.

10. Milton and His Contemporaries.

11. World Epics.

12. The Victorian Era in Literature.

Courses 6, 7, 8, 9, 10, 11 are elective for the Senior year.

VI.—The Hebrew Language and Literature and Church History

DR. BURKHALTER.

1. Hebrew.

Students intending to study for the Christian ministry may elect Hebrew, three periods a week during the Senior year. It is exceedingly important that this amount of preparation be made before entering the Seminary. Rev. E. R. Burkhalter, D. D., pastor of the First Presbyterian church, Cedar Rapids, will have charge of this work.

2. Church History.

This subject will be taught by Dr. Burkhalter by means of lectures. Reference will be made to standard works on the subject.

D.—MATHEMATICS AND SCIENCE.

I.—Mathematics.

PROFESSOR ASH.

STATEMENT.

In the teaching of this branch, every effort is made to train the student to think for himself. A blind following of the text book is discouraged. The work required is designed to thoroughly ground the student in the fundamentals of the subject and thus prepare him for advanced study.

Besides the required work, elective courses are offered for those who desire them and are prepared to take them, provided a sufficient number take the work to justify the forming of a class. Following are the courses offered:

1. Algebra.

This subject is studied during the fall and winter terms, Freshman year. Quadratics are hurriedly reviewed and then special attention is given to the following: Ratio and proportion, progressions, binomial theorem, undetermined coefficients, series, logarithms, permutations and combinations, probability, theory of equations and solution of higher equations. Four and five hours per week. Text book, Wells College Algebra

2. Trigonometry and Surveying.

(a) Plane Trigonometry is given in the spring term, Freshman year. Trigonometric functions are given special attention and then the principles are applied to the solution of numerous problems which are practical in nature, involving right and oblique triangles. Some time will be given to trigonometric series and the method of constructing tables.

(b) In the fall term, Sophomore year, Spherical Trigonometry and Surveying will be studied. Discussion of formulae and the solution of numerous problems showing its application to astronomy will receive special attention. In the Surveying it is hoped that quite a good deal of field work may be accomplished. The department is supplied with transit, chains, etc., by which data may be obtained in the field and then plotted and estimated. Three hours weekly. Text books, Wentworth's Trigonometry and Carhart's Surveying.

3. Analytical Geometry.

Winter and spring terms, Sophomore year. The Cartesian and Polar systems of coordinates, transformation of coordinates, the straight line, the circle, the parabola, the

ellipse and the hyperbola will be studied. The general equation of the second degree and some of the more important higher plane curves will be taken up. Three hours weekly. Text book, Nichols.

4. Calculus.

Calculus will be studied throughout the Junior year. Those students may take it who have completed courses 1, 2 and 3. Thorough drill will be given in the differentiation of algebraic and transcendental functions after which the various methods of integration will be discussed. The power and usefulness of this important branch will be illustrated by numerous problems. Three hours weekly. Text books, Taylor and Osborne.

5. Astronomy.

Three hours weekly, Senior year; fall term. Text book, Young. A study is made of astronomical coordinates. Planets are studied in detail; motions, physical properties, etc., comets and meteoric bodies, eclipses; application of astronomy to navigation.

6. Mechanics.

Elements of Mechanics, Wright. Three hours weekly, winter and spring terms; Senior year. The course covers kinematics, statics, work, energy, dynamics, etc.

7. Theory of Equations.

A course in this subject is offered. It will consist of lectures, with Burnside and Patton's Book as reference.

II.—Physical Science.

PROFESSOR BATES.

Chemistry.

Three years' work is offered in Chemistry.

The first year's work consists of a study of General Chemistry and Qualitative Analysis. It is required in the sophomore year of all courses.

The second year is given to the principles and methods of Quantitative Analysis, and is designed to give a thorough training in the best analytical processes. This course is elective and is open only to those who have taken the first year's work or its equivalent.

The third year is given to Organic Chemistry, and is designed not only to give a general idea of the scope and structure of organic compounds, but also to meet the wants of those who wish to prepare for medicine or pharmacy.

This course is elective. It must be preceded by the first year's work, but may or may not be preceded by the second year's work.

The following is a brief synopsis of the work:

a.) General Chemistry and Qualitative Analysis.

i. General Chemistry.

The work in General Chemistry consists of lectures and recitations, and laboratory work, giving special attention to the non-metals. The elements are studied with reference to their history, occurrence, properties, and principal compounds. Problems are introduced to verify the molecular theory, and to illustrate the effects of heat and pressure on gases.

Two hours per week for lecture and recitations. Three hours per week for laboratory work. Text books, Remsen or Williams. Fall term.

ii. Qualitative Analysis.

Attention is given to the theory of valence, chemical equations, principles of grouping, separating, and identifying the common metals.

One hour per week for recitations. Four hours per week for laboratory work. Text book, Bates' Introduction to Qualitative Analysis. Winter term.

iii. Qualitative Analysis.

Attention is given to the principles of grouping, separating and identifying metals and acids, and to the chemical reactions involved.

Each student analyzes at least thirty unknowns. Each unknown has from one to seven compounds.

One hour per week for recitations. Four hours per week for laboratory work. Spring term.

Text books, Bates' Introduction to Qualitative Analysis, Prescott & Johnson's Qualitative Analysis.

(b.) Quantitative Analysis.

i. Laboratory work in gravimetric and volumetric determinations. Sanitary and technical analysis of water.

Six hours per week for laboratory work; one hour per week for lectures and recitations. Fall term, Junior year.

Text book, Cheever's Quantitative Analysis.

ii. Laboratory work in the analysis of clays, limestones, fertilizers, Kjeldahl method of estimating nitrogen, etc.

Six hours per week for laboratory work; one hour per week for lectures and recitations. Winter term, Junior year.

Text books, Cheever's Quantitative Analysis; Sutton's Volumetric Analysis; Crooke's Select Methods, etc.

iii. Laboratory work in gas analysis, the preparation of pure inorganic compounds. Theoretical chemistry, collateral reading, history of chemistry, etc.

Six hours per week for laboratory work; one hour per week for lectures and recitations. Spring term, Junior year.

Text books, Sutton's Volumetric Analysis; Venable's History of Chemistry, etc.

c.) Organic Chemistry.

i. Lectures and recitations in the paraffin series. Laboratory work in the preparation of organic compounds and their derivatives, special attention being given to the preparation and purification of the more ordinary compounds such as chloroform, iodoform, ether, etc.

Two hours per week for recitations; four hours per week for laboratory work. Fall term, Senior year.

Text book, Remsen or Bernthsen.

ii. Laboratory work in the preparation of organic compounds. Lectures and recitations in the paraffin and benzene series; collateral reading. Winter term, Senior year.

Text book, Remsen or Bernthsen.

iii. Lectures and recitations in the benzene series. Preparation organic compounds. Thesis.

Two hours per week for lectures and recitations; four hours per week for laboratory work. Spring term, Senior year.

Text book, Remsen or Bernthsen.

2. Physics.

This work is taken by the Juniors in all courses. The time spent is two hours per week for lectures and recitations and three hours per week for laboratory work throughout the year.

As far as possible each subject is illustrated by experiment. For this purpose there is in use a large stereopticon with lime light, air pumps, apparatus for sensitive flame, manometric flame, chemical balances, micrometers, calorimeters, spherometers, voltmeter, ammeters, wheatstone bridge, etc.

(a.) Mechanics and Sound.

Attention is given to the general principles of Mechanics, including the universal and characteristic properties of matter, fundamental units, dimensional equations, simple harmonic motion, Newton's "Laws of Motion," work and energy, properties of solids, liquids and gases.

In the subject of Sound special attention is given to the theory of sound, wave motion, transmission of sound in different media, harmony and music.

Text books, Ames' Theory of Physics; Gage's Principles of Physics; Olmstead's College Philosophy. Fall term

(b.) Electricity and Magnetism.

Attention is given to the history of the development of the science of Electricity and its breadth of application in the arts and sciences.

Emphasis is placed upon the study of the lines of force and their relation to the electric current. Students in this department are especially favored in Cedar Rapids on account of the various electrical machinery in the city subject to their inspection.

Text books, Sylvanus P. Thompson's works on electricity; Ames' Theory of Physics. Winter term.

(c.) Heat and Light.

Emphasis is placed upon laboratory work in these subjects in order that the student may better appreciate the underlying principles. The work consists in finding the linear coefficient of expansion of two or three of the common metals, the latent heat of water and steam, the specific heat of two or three of the common metals, the relative humidity of the air, etc.

In Light, attention is given to mirrors, photometers, the structure and use of the spectroscope, microscope and telescope, etc. Some work is done in determining the relative indices of refraction, and determining the wave lengths of light, etc.

Text books, Ames' Theory of Physics; Gage's Principles of Physics; Glazebrook's work on heat. Spring term.

III.—Natural Science.

PROFESSOR STOOKEY.

1. Biology.

The object of the course in Biology is to develop the principles of the science through the study of types of animal and plant forms; to deal with some of the problems suggested by the subject; to train the student to habits of close observation, the hand to technical skill, the mind to a love of exact truth, and to the habit of concise and accurate description. The order of study is from the simple to the complex. The method is by laboratory work, lectures and assigned readings.

(a.) Zoology.

i. Morphology and Physiology of Invertebrates.

Selected types studied by aid of microscope and dissections. Laboratory work, lectures and recitations. Three hours per week, fall term, Junior year.

ii. Vertebrates.

This course is a continuation of Course i in the back-boned animals. Amphioxus, the fish, the frog, the turtle, the pigeon and the cat or rat will be studied. Three hours per week during the winter and spring terms, Junior year.

iii. Systematic Zoology.

This course is offered to Junior students who desire to give more than three hours per week to Biology. Certain groups of animals, as insects, fishes and birds are studied systematically. Three hours per week, throughout the year.

iv. Embryology.

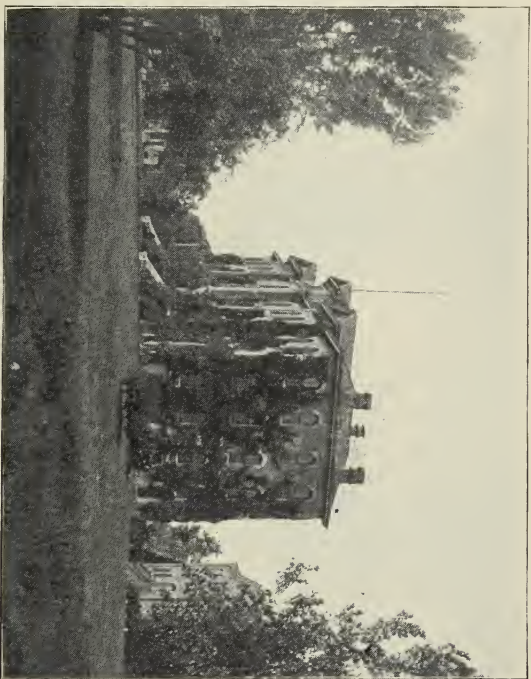
Development of the chick. Foster and Balfour's text. Laboratory work and recitations. Three hours per week, fall term, Senior year.

v. Histology and Physiology.

Histological methods. Hardening, staining, imbedding, sectioning, etc. Study of preparations. These related subjects are studied together, Sterling's Histology and Martin's "The Human Body" being followed. Three hours per week, winter and spring terms, Senior year.

vi. Mammalian Anatomy.

Osteology, comparative and human. Myology of the cat. The brain. Three hours per week throughout the senior year. Wilder and Gage, Jayne, texts.



BUILDINGS LOOKING FROM THE EAST.

(b.) Botany.**i. Plant Morphology and Physiology.**

The course contemplates the study, from the standpoint of Morphology and Physiology, of a series of typical plants. Bessey's Botany is followed as a guide. Laboratory work, lectures and reading. Fall and winter terms, three hours per week Freshman year.

ii. Systematic Botany.

Special groups of plants are studied with reference to their classification. The Algae, Fungi, Bryophyta and Pteridophyta are groups which may be selected according to circumstances. Three hours per week, spring term, Freshman.

2. Geology.**i. Dynamic and Structural Geology.**

Instruction in this subject is given by recitation, lectures, laboratory and field work. Le Conte's Elements of Geology is used as a text. The region about Cedar Rapids presents special advantages for the study of geological problems, and a portion of the required work will be done in the field. Three hours per week; fall and winter terms, Senior year.

ii. Paleontology.

This course will include systematic paleontology, and historic geology, and presupposes Course a. The history and character of organisms and of the geological formations which they characterize are treated. Laboratory and field work with lectures. Three hours per week, spring term. Senior year.

E.—DEPARTMENT OF EXPRESSION.

MRS. MARIAN H. KILBOURNE.

This department of work aims to cultivate harmoniously the body, voice and mind, and to give the student systematic training in the principles of expression.

The first half of the first year's work will consist of breathing, voice, physical and responsive exercises and rendering. Last half will include beside these, story telling, rendering once a month entire selections and gesture.

The second year—First term, technical drill, alternating with the study of noted orations. Second term, Julius Cæsar. Third term, discussion of living questions, personations and annual test.

Third year. First term "The Merchant of Venice." Second term, interpretive readings from the poets. Third term, exercises in extempore speaking, based on studies in American history and institutions.

SYNOPSIS OF COURSES.

NOTE.—The figures and letters in parentheses immediately following the Study refer to the Courses of Study as set forth on pages 21-49. The second column of figures indicates the hours per week; all electives occupy three hours weekly. In the Senior year fifteen hours weekly are required. In this year all studies are elective.

FRESHMAN.			
CLASSICAL.		PHILOSOPHICAL.	
Fall Term.		Fall Term.	
O. T. History (A I 7 a)	1	O. T. History (A I 7 a)	1
Greek (C I 1)	5	German (C IV 1)	4
Latin (C II 1)	5	Latin (C II 1)	4
Rhetoric (C V 1)	2	Rhetoric (C V 1)	5
Algebra (D I 1)	2	Rhetoric (C V 1)	2
Biology (D III 1 b i) Optional	4	Algebra (D I 1)	2
		Biology (D III 1 b i) Optional	4
Winter Term.		Winter Term.	
O. T. History (A I 7 a)	1	O. T. History (A I 7 a)	1
Greek (C I 2)	4	German (C IV 2)	4
Latin (C II 2)	4	Latin (C II 2)	4
Rhetoric (C V 1)	2	Rhetoric (C V 1)	2
Algebra (D I 1)	5	Algebra (D I 1)	5
History (B 1)	2	History (B 1)	2
Biology (D III 1 b i) Optional	2	Biology (D III 1 b i) Optional	2
Spring Term.		Spring Term.	
O. T. History (A I 7 a)	1	O. T. History (A I 7 a)	1
Greek (C I 3)	4	German (C IV 3)	4
Latin (C II 2)	4	Latin (C II 2)	4
Rhetoric (C V 1)	2	Rhetoric (C V 1)	2
Plane Trigonometry (D I 2 a)	5	Plane Trigonometry (D I 2 a)	5
History (B 1)	2	History (B 1)	2
Biology (D III 1 b ii) Optional		Biology (D III 1 b ii) Optional	
		SCIENTIFIC.	
		Fall Term.	
		O. T. History (A I 7 a)	1
		German (C IV 1)	4
		French (C III 1)	3
		Rhetoric (C V 1)	2
		Algebra (D I 1)	4
		Biology (D III 1 b i)	3
		Winter Term.	
		O. T. History (A I 7 a)	1
		German (C IV 2)	4
		French (C III 1)	2
		Rhetoric (C V 1)	2
		Algebra (D I 1)	5
		History (B 1)	2
		Biology (D III 1 b i)	2
		Spring Term.	
		O. T. History (A I 7 a)	1
		German (C IV 3)	4
		French (C III 2)	2
		Rhetoric (C V 1)	2
		Plane Trigonometry (D I 2 a)	5
		History (B 1)	2
		Biology (D III 1 b ii)	2

SYNOPSIS OF COURSES.—Continued.

SOPHOMORE.		
CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
Fall Term.	Fall Term.	Fall Term.
N. T. History (A I 7 b) 1	N. T. History (A I 7 b) 1	N. T. History (A I 7 b) 1
Greek (C I 4) 4	German (C IV 4) 4	German (C IV 4) 4
Latin (C II 3) 3	Latin (C II 3) 3	French (C III 3) 3
English Literature (C V 2) 2	English Literature (C V 2) 2	English Literature (C V 2) 2
History (B 2) 2	History (B 2) 2	History (B 2) 2
Chemistry (D II 1 a i) 3	Chemistry (D II 1 a i) 3	Chemistry (D II 1 a i) 3
Trig and Surveying (D I 2 b) } 3	Trig. and Surveying (D I 2 b) } 3	Trigonometry and Surveying (D I 2 b) 3
Or French (C III 10) }	Or French (C III 10) }	
Winter Term.	Winter Term.	Winter Term.
N. T. History (A I 7 b) 1	N. T. History (A I 7 b) 1	N. T. History (A I 7 b) 1
Greek (C I 5) 4	German (C IV 5) 4	German (C IV 5) 4
Latin (C II 4) 3	Latin (C II 4) 3	French (C III 4) 3
English Literature (C V 2) 2	English Literature (C V 2) 2	English Literature (C V 2) 2
History (B 2) 2	History (B 2) 2	History (B 2) 2
Chemistry (D II 1 a ii) 3	Chemistry (D II 1 a ii) 3	Chemistry (D II 1 a ii) 3
Analytics (D I 3) }	Analytics (D I 3) }	Analytics (D I 3) 3
Or French (C III 11) 3	Or French (C III 11) }	
Spring Term.	Spring Term.	Spring Term.
N. T. History (A I 7 b) 1	N. T. History (A I 7 b) 1	N. T. History (A I 7 b) 1
Greek (C I 6) 4	German (C IV 5) 4	German (C IV 5) 4
Latin (C II 5) 5	Latin (C II 4) 3	French (C III 4) 3
English Literature (C V 3) 2	English Literature (C V 3) 2	English Literature (C V 3) 2
History (B 3) 2	History (B 3) 2	History (B 3) 2
Chemistry (D II 1 a iii) 3	Chemistry (D II 1 a iii) 3	Chemistry (D II 1 a iii) 3
Analytics (D I 3) }	Analytics (D I 3) }	Analytics (D I 3) 3
Or French (C III 12) 3	Or French (C III 12) }	

SYNOPSIS OF COURSES.—Continued.

JUNIOR.		
CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
Fall Term.	Fall Term.	Fall Term.
Christian Evidences (A I 4) 1 Zoology (D III 1 a iii) 3 Psychology (A I 1) 3 Biology (D III 1 a i) 3 Physics (D II 2 a) 3 German (C IV 11) 3 Electives (One required) 3 Greek (C I 7) Latin (C II 6) French (C III 5) History (B 4) Calculus (D I 4) Chemistry (D II 1 b i) English Literature (C V 4) Pedagogy (A IV 1)	Same as Classical except German is Elective Electives (Two required) German (C IV 6)	Same as Classical except German is Elective Electives (Two required) German (C IV 6)
Winter Term.	Winter Term.	Winter Term.
Christian Evidences (A I 4) 1 Logic (A I 2) 3 English Literature (C V 5) 3 Physics (D II 2 b) 3 German (C IV 12) 3 Electives (One required) 3 Greek (C I 8) Latin (C II 7) French (C III 6) Biology (D III 1 a ii)	Same as Classical except German is Elective Electives (Two required) German (C IV 6)	Same as Classical except German is Elective and Zoology required Zoology (D III 1 a ii) 3 Electives (One required) German (C IV 6)

SYNOPSIS OF COURSES.—Continued.

JUNIOR.—Continued.		
CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.
Winter Term.	Winter Term.	Winter Term.
History (B 4) Calculus (D I 4) Chemistry (D II 1 b ii) Psychology (A I 8 (a)) Pedagogy (A IV 2) Zoology (D III 1 a iii)	Same as Classical except German is Elective Electives (Two required) German (C IV 6)	Same as Classical except German is Elective and Zoology required Zoology (D III 1 a ii) Electives (One required) German (C IV 6) 3
Spring Term.	Spring Term.	Spring Term.
Christian Evidences (A I 4) 1 Ethics (A I 3) 3 English Literature (C V 5) 3 Physics (D II 2 c) 3 German (C IV 13) 3 Electives (One required) Greek (C I 9) Latin (C II 8) French (C III 6) Zoology (D III 1 a ii) History (B 5) Calculus (D I 4) Chemistry (D II 1 b iii) Psychology (A I 8 (a)) Pedagogy (A IV 3) Zoology (D III 1 a iii)	Same as Classical except German is Elective Electives (Two required) German (C IV 7)	Same as Classical except German is Elective and Zoology required Zoology (D III 1 a ii) Electives (One required) German (C IV 7) 3

SYNOPSIS OF COURSES.—Concluded.

SENIOR.		
ALL COURSES.	ALL COURSES.	ALL COURSES.
Fall Term.	Winter Term.	Spring Term.
<p>History of Philosophy (A I 5) Political Economy (A II 1) Literary Criticism (C V 5) Geology (D III 2 i) English Literature (C V 9 to 12) Greek (C I 10) Latin (C II 9) French (C III 7) German (C IV 8) Ancient Literature. (C I 13) (1) History of Civilization (B 6) Continental Literature (C V 6) Astronomy (D I 5) Chemistry (D II 1 c i) Mammalian Anatomy (D III 1 a vi) Embryology (D III 1 a iv) Hebrew (C VI 1) Elementary Law (A III 1) Pedagogy (A IV 4)</p>	<p>History of Philosophy (A I 5) Political Economy (A II 1) Continental Literature (C V 6) Geology (D III 2 i) Greek (C I 11) Latin (C II 10) French (C III 8) American Classics (C V 8) Mammalian Anatomy (D III 1 a vi) German (C IV 9) Ancient Literature (C I 13) (2) Philosophy of History (B 7) Chemistry (D II 1 c ii) Hebrew (C VI 1) Histology and Physiology (D III 1 a v) Mechanics (D I 6) Theory of Equations (D I 7) Church History (C VI 2) English Literature (C V 9 to 12) Pedagogy (A II 4) Constitutional History of England (B 9) Elementary Law (A III 1) International Law (A III 2)</p>	<p>Bible & Modern Thought (A 6) Literature of XIXth Century (C V 7) Greek (C I 12) Latin (C II 11) French (C III 9) German (C IV 10) Chemistry (D II 1 c iii) Histology and Physiology (D III 1 a v) Jurisprudence (A 8) Constitutional History of U. S. (A II 2) Geology (D III 2 ii) Mechanics (D I 6) American Classics (C V 8) English Literature (C V 9-12) Hebrew (C VI 1) Sociology (A II 3) International Law (A III 2) Modern Asiatic History (B 10) Mammalian Anatomy (D III 1 a vi)</p>

SCHEDULE OF RECITATIONS.

	SENIOR.	JUNIOR.	SOPHOMORE.	FRESHMAN.
8 to 9	Astronomy, W. Th. Pedagogy, W. Th. Greek, M. T.	Physics, W. Th. F. French, M. T. History, M. T.	Greek, W. Th. F. German, W. Th. F.	Biology, T. W. Th.
9:15 to 10:15	Literary Criticism, Th. F. Geology, M. T. W.	German, (Classical Course) W. Th. F. German, M. T.	History, M. T. Literature, Th. F.	Special Greek, M. T. W. Th. F.
10:15 to 11:15	History of Philosophy, T. W. Th. Latin, M. F. Church History, T. W.	Christian Evi- dences, F. Calculus, W. Th. Greek, W. Th.	French, M. T. W. Mathematics, M. T. W.	Latin, T. W. Th. F. Rhetoric, M. French, Th. F.
11:15 to 12:15	Elocution, F. German, Th. F. Embryology, M. T. W.	Elocution, M. Psychology, T. W. Th.		Greek, M. T. W. Th. German, Do. O. T. History, F.
1:15 to 2:15	Political Economy, W. Th. F. International Law, M. T.	Biology, M. T. Pedagogy, W. Th. F.	N. T. History, W.	Elocution, Th. History, F.
2:15 to 3:15	Ancient Literature, Th. F. History of Civilization, M. T. W. Elocution, Th.		Latin, M. T. W. Chemistry, Th. F.	Rhetoric, F. Algebra, M. T. W. Th.
3:15 to 4:15	Hebrew, M. T. German, W. Th. F. Chemistry, M. T. W.	Latin, W. Th. Chemistry, M. T.	Chemistry, W. Th. F. Elocution, T.	Special German, M. T. W. Th. F.

The letters indicate the days of the week on which the recitations occur.

COLLEGE DEGREES.

Bachelor's Degree.

It requires four years to complete the course of study.

Those who have taken the Classical Course, as indicated in the curriculum, receive on graduation, from the Board of Trustees, on the recommendation of the faculty, the degree of Bachelor of Arts.

Those who have completed the Philosophical Course receive the degree of Bachelor of Philosophy.

Those who have pursued the full Scientific Course receive the degree of Bachelor of Science.

Master's Degree.

The degree of Master of Arts, or Master of Philosophy, or Master of Science, may be conferred three years after graduation on any Bachelor of Arts, or Philosophy, or Science who has passed his or her graduate period in collegiate or professional study and practice, and who shall submit to the Faculty a satisfactory literary, philosophical or scientific paper. Those desiring the Master's degree must make a written application to the Secretary of the Faculty, with appropriate vouchers, accompanied by their Master's Thesis, at least six weeks before commencement.

Certificates.

Students who have been members of any department of the College, and have passed satisfactory examinations therein, may obtain certificates of the same if they have been in attendance not less than one year.

SUGGESTED COURSES LEADING TO SOME OF THE PROFESSIONS.

A great number of students who complete the College course, have in view some profession. While any one of the three courses given in Coe College is designed to secure that breadth of culture, extent of information and training of the mental powers which thoroughly fit the student for the study of any of the learned professions, yet it is possible throughout the course to make such a selection of studies as will in a special manner assist in the preparation for a particular profession. For the benefit of such students and to assist them in the selection we present the following suggested courses:

I. Preparatory to Law.

1. For the Freshman and Sophomore years the Classical or Philosophical Course, as hereinbefore outlined. The Classical is to be preferred.

2. For the Junior year, in addition to the required studies, the student should in his electives place emphasis upon the study of Mental Science, History and Literature.

3. For the Senior year, which is entirely elective, the student should select courses in Philosophy, Political Economy, History, Law and Literature. If possible he should pursue the study of an ancient and a modern language during the Junior and Senior years.

II. Preparatory to Theology.

1. For the Freshman and Sophomore years, the Classical Course.

2. For the Junior year, in addition to the required studies, the student should make his selection along the line

of Psychology, Literature, History, and continue his Greek. It will be well to take at least one modern language and such additional knowledge of the sciences as time will permit.

3. For the Senior year. The student will do well to select Philosophy, Political Economy, Hebrew, Literature, History, Theism, and an ancient and a modern language. He should have a good knowledge of Geology following a previous course in Biology.

III. Preparatory to Medicine.

1. For the Freshman and Sophomore years any of the three courses may be taken, preferably the Classical. In any event Latin should not be omitted, and the Optional work in Biology should be taken.

2. For the Junior year, as also in the Senior, the emphasis should be put as much as possible on the Sciences. In addition to what is required, the student should take all the electives in the Departments of Physical and Natural Sciences. The remainder of the time should be given to Psychology and the Modern Languages. So many works of science are written in these languages that a knowledge of them is almost a necessity.

3. For the Senior year the work in Science should be continued. The additional electives should be Philosophy and the Modern Languages.

IV. Preparatory to Teaching.

1. For the Freshman and Sophomore years, the student will make his choice of the course which will help him most in the special line of teaching which he expects to follow.

2. For the Junior and Senior years a like consideration will control in his selection. Whether his major studies are along the line of Mental Science or History or Literature or

Language or the Physical Sciences, or Mathematics, he will make a special selection of first, Psychology, and, second, the splendid course in Pedagogy which is offered in the Junior and Senior years.

GENERAL INFORMATION.

THE COLLEGE AND ITS EQUIPMENT.

The Past Year.

The year 1897-1898 has witnessed great growth and prosperity in our college. In the literary department the enrollment has increased from 106 to 175. The standard has been raised. The number of courses offered to the student has been increased. Additions have been made to the faculty. By the opening of the fall term of 1899-1900 two additional professors will be with us, thus adding greatly to the efficiency of the college and placing it with sixteen professors, with a splendid equipment and unrivalled location, in the very front rank of the colleges of Iowa.

Location.

Cedar Rapids is a beautiful city of 27,000 inhabitants and most favorably located as the seat of a college. It is a railroad center, easily accessible, only a few hours either from Chicago, St. Paul, Sioux City, Omaha, Kansas City or St. Louis. It has a large number of churches, schools and moral organizations. It is a city of broad avenues and beautiful homes. In view of the above facts, and its stirring activities, life in such a city becomes a most important factor in the education of young men and women. The students, in their busy college days, need the zest that an active city

throws into the routine of life, in order to make them thoughtful, practical and observing, and to hold them in sympathy with the great world which they must soon enter.

Buildings.

The main building, fronting First avenue or the Boulevard, is a commodious building, 120 feet long, 40 feet wide, and four stories high. It contains class rooms, laboratories, library, museum, assembly hall and society rooms.

Williston Hall is a few yards in the rear of the main building. It is the home of the young ladies who come from out of town to attend school. Both buildings are heated by steam supplied by the City Electric Light Company and are kept at a uniform temperature. They are therefore healthful and in no danger of fire.

The Library and Reading Room.

The library is well chosen for work on all lines essential to the requirements of students. Encyclopedias, Dictionaries, Gazetteers, Magazines, Journals, and the Government Atlases, are on the shelves and tables for the use of students.

Under the Dewey system of classification the library is very useful to students in class-room work.

The Knox collection is very valuable. It is a donation from Mrs. Knox, widow of the late Rev. James Knox, formerly pastor of the First Presbyterian church of Cedar Rapids.

The Carroll collection is similar to the Knox, a gift from Rev. G. R. Carroll.

The tables of the reading room are supplied with many college papers, exchanges for the "Coe College Cosmos," the standard magazines: The Forum, Century, Review of Re-

views, McClure's, Popular Science Monthly, The Literary Digest and the daily and weekly papers; Harper's Weekly, N. Y. Tribune, the Independent, many religious weeklies, Chicago and Cedar Rapids dailies and many other papers.

City Libraries.

The Masonic Library, but two blocks from the college, contains an extensive collection of books, magazines, journals, reviews, daily papers, etc., and by the courtesy of Grand Secretary Parvin, is open to the students of Coe College. The magazine reference room to which the students have free access, contains not only the current numbers of many of the magazines but also bound copies of these together with complete indexes to the same. This room furnishes excellent facilities for investigation and study.

The Y. M. C. A. of Cedar Rapids maintains a reading room and library, to which students have access.

The new City Library already has a very valuable collection of books. Additions to this library are being rapidly made. In the reading room are kept on file all the great dailies of the world, and the principal magazines of the country.

The Biological Laboratory.

This Laboratory is equipped for carrying on the work of the department. There are twelve compound, and six dissecting microscopes, a new Bausch & Lomb laboratory microtome and three students' microtomes with accessories. Students are supplied with material for making permanent microscopical preparations. Each student has a dissecting table and locker. Apparatus will be added as the needs require.

The Chemical Laboratory.

The Chemical Laboratory is well equipped for the courses in general chemistry, qualitative analysis, quantitative analysis; and fairly well equipped for organic analysis.

Each desk is fitted up with twenty reagents, burettes, flasks, etc., water tap, and basin with waste pipe.

Among other pieces of apparatus worthy of special notice are two balances, each sensitive to the tenth of a milligram, an assay furnace (Hoskin's) and a complete outfit for estimating nitrogen by the Kjeldahl process, etc.

The Physical Laboratory.

The Physical Laboratory is becoming quite well equipped. Each year marks the addition of some useful piece of apparatus. The class in physical measurements has made a large induction coil for X-Ray work.

We have, at present, apparatus for manometric flame and sensitive flame, apparatus for Lissajous' curves, sonometer, tuning forks, etc., apparatus for estimating Young's Modulus of elasticity, micrometer caliper, vernier caliper, spherometer, thermometers, barometers, colorimeters, piconometers, tangent and mirror galvanometers, ammeters, voltmeters, Geisler tubes, Crooks tubes, large Holtz machine, etc.

The Museum.

The College has a good working Museum. Besides a great amount of other material, the geological department contains the Calvin and King collections, which have been purchased by this College. Also the Abbott collection of minerals and fossils presented by Dr. Abbott, of Manchester,

and the Tomlinson collection of Canada minerals presented recently by Joseph Tomlinson, of Cedar Rapids, are very valuable. Additions have also been made by the National Museum and others.

The Zoological Department consists, in part, of the King collection of mammals and birds of Iowa, the Butler collection, the Meek collection of fishes, etc. There is also a collection of marine invertebrates recently supplemented by the Bahama Expedition of the State University.

The Botanical collection contains woods, fruits, and plants from all parts of the world. The herbarium, chiefly of Iowa plants, is growing.

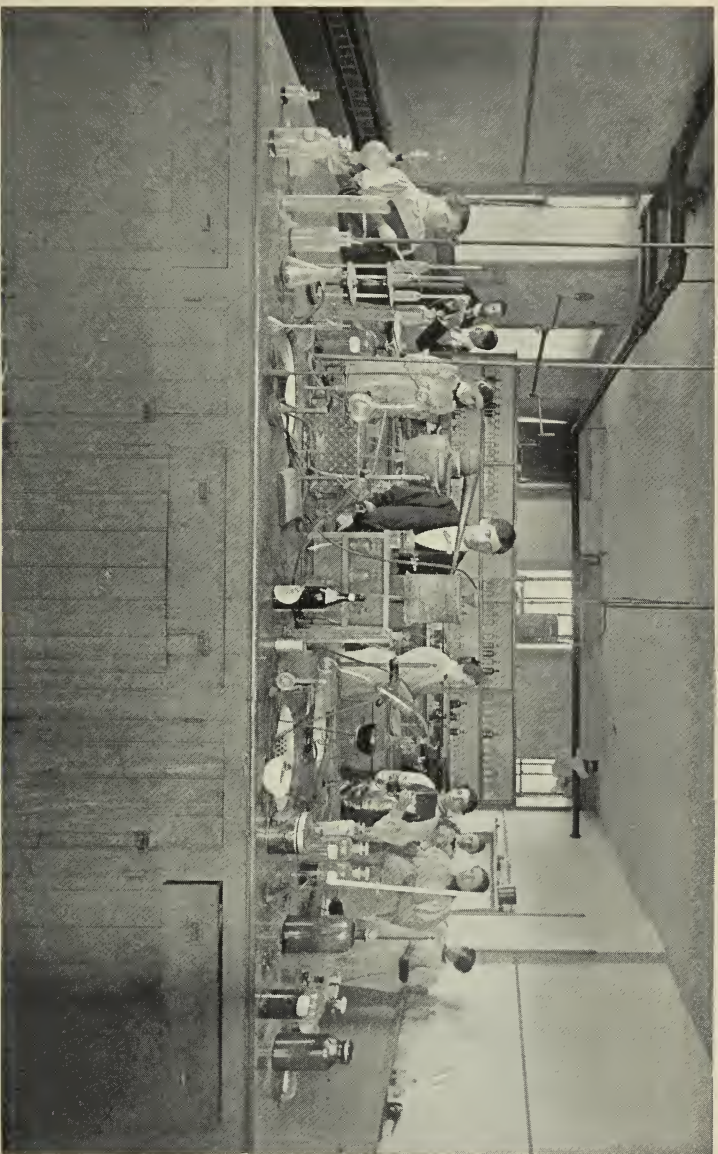
The Archeological collection contains many specimens of Indian relics, etc.

Athletics.

Coe College has always encouraged the practice of athletic sports, and a deep interest is felt in this phase of college life. The faculties of Coe and of other colleges of the state have recently taken steps to purify college athletics by the adoption of rules which will prevent professional athletes from taking part in these sports. It is thought that these rules will have a wholesome effect, and will check that tendency to become professional which has been so noticeable in colleges of late years. The College has enclosed athletic grounds, and in addition to these students can have all the advantages of the Y. M. C. A. gymnasium for a small expense annually. This gymnasium is one of the finest in the state, and an experienced teacher has been employed who leads in the physical exercises and also teaches the theory of health preservation.

College Papers.

The students publish monthly a journal which embodies



THE CHEMICAL LABORATORY.

their thoughts, and gives direction to College life in its bearing upon the practical work which will follow a completed course of study. The Coe College Cosmos has always been conducted with ability as to its contents, and with great skill and success in its management. According to the constitution of the Editorial Board the paper is under the direction of a staff of editors, and a member of the Faculty, through whose hands every article must pass before it is published in the Cosmos. During the past year a second paper, the Coe College Courier, under the direction of the President, has made its appearance. This is designed to reach a larger constituency and keep all the friends informed of the progress of the institution.

Literary Societies.

There are four Literary Societies—the Alpha Nu and Olio for young men, and the Sinclair and Carleton Societies for young ladies. These Societies have weekly meetings in their halls for the purpose of debate and parliamentary experience. They meet the demand for an important part of an education, which students must originate and carry on themselves. The rooms are beautiful and attractive.

Christian Associations.

The Christian Associations of the institution are active and flourishing. They have charge of the separate association prayer meetings on Tuesdays, and of the College joint prayer meeting held on every Thursday evening. The missionary work of the College is carried on by the Associations, one meeting of each month being devoted to the discussion of missionary topics. They issue annually a most attractive Hand-Book.

Religious Culture.

Coe College is under the direction of the Synod of Iowa but is in no sense sectarian. No instruction is given or requirements made in the interest of any denomination. It is however in all its atmosphere distinctly Christian. Chapel service every morning, and attendance on Sabbath morning at the church of the parents' choice are required of the students. Bible classes and prayer meetings in the College and Williston Hall, and in the Sabbath schools of the churches of the city where the pupils attend, furnish abundant opportunities for growth in knowledge of Christian duty, and for practice in Christian life.

The Alumni Association.

In the Alumni Association, Coe College has a rapidly growing body of warm friends and supporters. Many of the number are already prominent in business and professional circles, or are occupying positions of responsibility and trust. The members of the Association recently pledged several hundred dollars for the support of the college work, and greater things are promised by them in years to come. The Alumni meetings in June are increasing in interest and are fast becoming one of the most popular events of commencement week. Non-resident members are requested to communicate annually with the Secretary of the Association so that any change in name or address may be made a matter of record.

Williston Hall for Young Ladies.

Young women are admitted to the same privileges of all the departments as young men, and subject to the same entrance examinations.

Williston Hall is a large brick building with parlors,

dining room, and rooms to accommodate fifty young ladies. The rooms are steam heated, furnished with heavy furniture, carpeted, and lighted at the expense of the college; other articles are furnished by the occupants.

In order to make Williston Hall a well ordered home, similar to a Christian family, the Lady Principal lives in the building, and it will be her constant effort to surround the daily life of the students with elevating influences. In view of the care needed to inculcate right habits, the trustees require all ladies coming to Coe College, not residents of Cedar Rapids, to live in Williston Hall. If there are any special reasons why young ladies should board and room elsewhere, they must be presented in writing to the Williston Hall committee, composed of the President of the College, the Chairman of the Executive Committee, and the Treasurer of the Board.

It is impossible to speak too highly of this Hall as a most delightful home for young ladies. It combines the advantages of a Ladies' Seminary with all the opportunities of a College.

Calls on young ladies, whether rooming at Williston Hall or in the city, must be confined as far as possible to the evenings of Friday and Saturday. No calls should be made on the Sabbath.

Parents and students living in Cedar Rapids should encourage, as little as possible, special social gatherings, and under no circumstances should these social meetings be on any of the college study nights.

Parents are earnestly urged to co-operate with the Faculty in securing a faithful observance of all regulations conducive to a true Christian character and life. Parents are

also earnestly urged to co-operate with the Faculty in securing promptness, and faithful attendance to all college duties.

College Requirements.

Students are expected to study in their rooms during the vacant periods. Those whose rooms are too far away will be furnished a place for study during vacant periods; they will give their names to the registrar, who will hold them responsible for order and propriety therein.

Students who wish to leave town during the term time are required to obtain permission by a written request from the President or in his absence, from the Senior Professor accessible.

Students admitted to any class with conditions attached to any branch of study, are required to pass an examination on the subject within the next two terms after entering.

Students are required to pass written examinations at the end of every term. Students who fail to pass in three branches at any term examination will not be enrolled at the beginning of the next term or year until a satisfactory examination has taken place. The second Saturday of each term is set aside for such examinations.

Students are required to have a grade, at least, of seventy in each study in order to retain their standing in their class. A grade between sixty and seventy will pass the student conditionally if the subject is further pursued. Satisfactory work the rest of the term removes the condition. If they fall below that a report will be made to their parents or guardians; and if after admonition they fail to improve they will be classified elsewhere.

Students about to graduate are required to settle satisfactorily all bills, and meet all obligations due any depart-

ment of the college as pre-requisites to receiving their degrees.

Any student who shall absent himself from any regular or special examination, without previous consent of the teacher in charge, shall pay an examination fee of \$1.00 to the Assistant Treasurer, whose receipt shall entitle him to the required examination at such time as is designated by the teacher in charge. All money collected from examination fees shall be applied to the College Library.

In all cases students cannot be absent without affecting their rank in studies. For the same reason it is quite necessary that students be present on the day of enrollment, so as to be at the recitations the day following. Promptness and faithfulness should be cultivated.

Government.

The Faculty are responsible for the honor of the college; and have entire control over all the exercises conducted by the students in the name of College.

When papers or magazines or manuals are published by the students, the articles therefor shall be submitted before publication to some member of the Faculty.

When an association of students desires a lecture or lectures under its auspices, they shall consult with the Faculty and receive permission therefor before inviting such lecturers.

When students desire to use the rooms or halls of the College for any purpose other than the purpose for which they are assigned, or at any time other than the stated one, they shall first receive permission from the Faculty.

The Faculty claim the right to make provisions for the removal of any student from the institution whose influence

is not salutary upon the peace of the College, whose delinquencies in studies throw him below the required per cent. to enter or to remain in his class and whose habits are incompatible with the welfare of the College.

Any student leaving before the close of the term, without permission, cannot re-enter as a student until he has made satisfactory explanation to the Faculty.

A record is kept of scholarship, attendance and conduct of each student, which will be furnished to parents and guardians when requested.

Students desiring to compete in the Oratorical Contests are required to hand in their orations for review to the Professor of English literature.

Students are requested to bring certificates of good moral character, and if coming from other colleges they are requested to bring letters of regular and honorable dismission.

Conduct becoming ladies and gentlemen, respect and obedience to teachers, and cheerful conformity to all college regulations is expected and required.

All correspondence relating to the course of instruction, the admission of students, their studies, temporary absence from College, and probable expenses, should be addressed directly to the President. Communications relating to the personal welfare of the young ladies in Williston Hall may be addressed to the Lady Principal. Telegrams, especially those concerning sickness or death, should be sent directly to the President or Lady Principal.

All students will report at once to the Secretary of the Faculty where they room and board in the city, and also the changes whenever any are made.

College Honors.

PRIZES.

I. The Knox Prize, founded by the late T. M. Sinclair, in honor of the Rev. James Knox, deceased, grants free tuition Junior and Senior years to the student whose standing is the highest in scholarship at the close of the Sophomore year.

II. The Bever Oratorial Prize, given by the late S. C. Bever, of Cedar Rapids.

Two prizes, first and second, amounting respectively to \$25.00 and \$15.00 in value are awarded at the end of the year to those students competing who stand first and second best in thought, style and delivery in their orations. This contest shall be open to members of the Freshman and Sophomore classes, and to those special students, two-thirds or more of whose studies are the required studies of the Freshman and Sophomore years. The orations shall not contain fewer than 1,000 words or more than 1,200 words. The Committee of Award will be chosen by the Faculty from persons not members thereof, and the six orations receiving highest marks shall be selected for public delivery during commencement week.

III. The C. B. Soutter Prizes, given by Mr. Chas. B. Soutter, Cedar Rapids.

1. The Physical Science Prizes—Two prizes are awarded to those members of the Junior class whose advancement in the Physical Sciences has been greatest during the Sophomore and Junior years, and whose essays on prescribed themes relating to the subjects studied shall be first and second best in merit; provided, that in the judgment of the Committee of Award, the proficiency in Physical studies and merit in the essays shall warrant giving prizes. There shall

be no prizes given unless there are at least five contestants. The prizes shall be in the form of books suitably inscribed, and valued respectively at \$15.00 and \$10.00.

2. The Classical Prize—A prize valued at \$15.00 will be awarded to that member of the Sophomore class who has made the greatest proficiency in Latin and Greek during Sophomore year, in the Latin and Greek prescribed in the catalogue for that year; and a prize valued at \$10.00 is awarded to the member of the Freshman class under the same condition for that year. The prizes will be in the form of books. There shall be at least five contestants. At the final examination for the year the contestants shall be required to translate at sight Latin and Greek into English, and English into Latin and Greek, and their papers shall be placed in the hands of the Committee of Award.

3. The English Prizes—A prize valued at \$15.00 will be awarded to the Sophomore student, at the end of Sophomore year, who has made the best average in English studies, and a prize valued at \$10.00 to that Freshman who has made the best average in Freshman English studies, at the end of Freshman year. There must be at least five contestants. The contestants in the above classes must also submit essays on prescribed themes whose merit shall be considered in connection with the average in scholarship.

The Committee of Award in the Soutter prizes will be the Committee on Curriculum of the Board of Trustees, and the person who gives the prizes, or someone designated by him.

IV. The Wilson Botanical Prizes, given by Hon. James Wilson.

Two prizes of \$15.00 and \$10.00 respectively will be awarded to those students doing the best work in Courses i

and ii, Botany, due regard being paid in the award to class and laboratory work, note books, and collections.

V. The Trustee's Scholarship—The Board of Trustees confer free tuition for the full four years' course, Classical, Philosophical or Scientific, upon that student coming to Coe College, who has graduated with highest honors at an Academy or High School in the state; provided, that graduation fits such pupil to enter the Freshman class. Such honored students must bring the certificate of such graduation from the officers of the school, and their attendance must be regular and continuous.

VI. The T. S. Parvin Prize—Two prizes, one of \$10.00 and the other of \$5.00, or their equivalents, if preferred, to the students having the highest grade of scholarship, upon the completion of the Preparatory Course; the standard of merit to be determined from the average markings of the several classes during the year, provided such students shall enter and prosecute their studies in Coe College.

VII. The Ristine Mathematical Prizes, given by Drs. Ristine, of Cedar Rapids.

Two prizes, amounting in value respectively to \$10.00 and \$500, to the students standing the highest in excellence in Mathematics—\$10.00 to the member of the Sophomore class and \$5.00 to the member of the Freshman class.

VIII. The Dows' Junior Prizes—The Honorable S. L. Dows offers to the Junior class, four prizes, as follows:
1. Debate. Two prizes, \$15.00 and \$10.00. Debaters this year chosen by lot. Two young men and two young women. Three judges decide on the merits of the discussion. If the vote is divided, two against one, then the former side will receive the \$15.00 prize and the latter \$10.00. A unanimous vote for one side gives both prizes to that side. 2. Essay.

Two prizes, \$15.00 and \$10.00. Essayists include all the class except those on Debate. Essays to contain not fewer than 1,000 words nor more than 1,200 words. The four essayists receiving the highest mark on thought and composition deliver their essays at the contest. The person receiving the highest marks on thought, composition and delivery is awarded the \$15.00 prize and the second highest the \$10.00 prize.

IX. The Biological Prizes—Dr. G. E. Crawford offers as a first prize, Gould's Dictionary of Medicine and the Biological Sciences, and as a second prize, Foster's Physiology, to the members of the Senior class who do the best practical work and pass the best examination in the Biological Sciences studied during the Junior and Senior years; provided, that in the opinion of the Awarding Committee the work done is of sufficient merit to warrant the giving of the prizes. The practical work shall consist of microscopical study of cell structure and growth, with drawings, and a dissection of the typical forms, with descriptions and drawings.

In the award of all prizes and honors and degrees, due regard will be taken of the conduct of the students during their course of study, and students who have incurred serious discipline will be debarred from competition, and forfeit the privileges to which otherwise their scholarship would have entitled them.

Expenses.

TUITION.

Fall Term.....:	\$13.00
Winter Term.....	12.00
Spring Term.....	12.00
Fee at Graduation.....	5.00
Laboratory Fee to Students in Chemistry.....	4.00
Fee to Students in Physics.....	1.00
Fee to Students in Biology.....	2.00

ROOMS AND BOARD.

Single Rooms, per Term, at Williston Hall, from.....	\$10.00 to \$20.00
Two in one Room, " " " "	7.00 to 14.00
Rooms for Young Men, per month.....	2.00 to 5.00
Board at Williston Hall, per week.....	2.50
Board at Williston Hall, per meal.....	.25

When students enter College before the middle of a term, they shall pay in full the usual charges. If they enter after the middle of the term they shall pay one-half.

When students leave College, either voluntarily or by dismissal before the middle of any term, one-half the tuition, etc., shall be refunded. But in case of temporary absence and subsequent return, although the absence be for more than half a term, no such rebate shall be granted.

The children of ministers and students for the ministry pay but half rate tuition.

Students intending to become ministers of the Gospel must present to the Assistant Treasurer a certificate of the religious body to which they belong, certifying, that said students are under its care as students for the ministry, otherwise they will be charged full tuition.

Catalogues will be sent free of charge, or other information given, upon application to the President, or to Prof. C. O. Bates, of Cedar Rapids, Iowa.

Self Support.

Cedar Rapids furnishes many opportunities to students who desire to support themselves in whole or in part. The President and Faculty will gladly co-operate with students in securing such places.

Needs of the College.

We call the attention of friends of higher Christian edu-

cation to the needs of our College. It is to them that such institutions as ours must look for support. Money invested in the education of young men and women brings the largest returns. We should have at once money for the following purposes:

1. Scholarships to aid promising students who are not able to meet all their expenses.
2. A dormitory for young men.
3. The purchase of new books and apparatus.
4. The increase of our endowment to meet general expenses.
5. A new college building to meet the demands of the large increase of students.

Forms of Bequest.

I give and bequeath to Coe College, Cedar Rapids, Iowa, the sum of —— dollars, to be safely invested by the Trustees as a part of the permanent Endowment Fund of the College.

I give and bequeath to Coe College, Cedar Rapids, Iowa, the sum of —— dollars to be appropriated by the Trustees for the benefit of the College in such manner as they shall deem most useful.

COE ACADEMY.

PROFESSOR HUGGETT, HEAD MASTER.

Coe Academy, or the Preparatory Department of the College, equals any similar school in the country for excellence in training and symmetry in preparation for entrance to college.

A large room is furnished as a study room where pre-

paratory students many do their work under the direction of the Head Master. The instruction is given by the Collegiate Faculty which insures an excellence and thoroughness not to be attained under less skilled instruction.

It is understood that the studies covered by the eight grades in our public school are to be finished before the student is admitted into the regular academic classes, but where a sufficient number of students desire it classes will be formed for the study of Arithmetic, Physiology, U. S. History, English Grammar, etc., in the Academy, for the benefit of such pupils as may be deficient in one or more of these branches, but are fitted in age and general qualifications to enter upon the regular work of the Academic course. Students as young as twelve years may enter the Academy.

The time to prepare for the Freshman class will depend upon the aptitude and industry of the student. The regular course is three years. Great emphasis is put upon the study of Mathematics, Greek and Latin, but Grammar, Rhetoric, History, Physiology, Physical Geography, Physics, Botany, the Science of Civil Government, and other branches requisite for the college course are taught. For students preparing for the Philosophical or Scientific Courses adequate preparation in German and French is provided.

Candidates for admission should present themselves at the beginning of the term, and should bring testimonials of good character and a full record of previous work done. Credit will be given for work done in regularly accredited High Schools or in other schools of good standing, but such students will be subject to reclassification if their work indicates inadequate preparation.

The Library and Reading Room are open to all on the same terms as to College students.

At the end of each term a report of all the students is sent to the parents showing the character of the work.

Perfect accuracy and thorough mastery of the studies of the Academy is an absolute requirement in order to gain admission to the College. Failure in this respect will compel the students to go over their work the second time.

The following will exhibit the courses of study pursued in this department.

I. Greek.

The aim of the preparatory course in Greek is to give the student a thorough training in the language itself. After the important grammatical forms have been learned continuous selections from a Greek author are read. Second and third years, classical course.

1. White's First Greek Book. Books I and II of Xenophon's Anabasis. Exercises in Greek composition. Four periods weekly throughout the second year.

2. Selections from Books IV and V, Xenophon's Anabasis, or from Book VII, Heroditus. Reading at sight. Five periods weekly, fall term, third year.

3. Homer's Iliad, Books I and II. Book III, rapid reading and reading at sight. Five periods weekly, winter and spring terms, third year.

Greek composition based upon the books read throughout the course. A special class will be provided for students entering the Freshman class deficient in Greek.

II. Latin.

This course covers three full years. Thoroughness and accuracy in the grammar are insisted upon. Inflections and construction of sentences must be mastered. Five periods per week.

1. Collar & Daniell's First Latin Book. Allen & Greenough's Grammar.

2. Caesar's Commentaries, four books. Daniell's Exercises in Latin Composition.

3. Cicero's Six Orations, including the four against Cataline and those for Archias and the Manilian law. Jones' Latin Prose Composition.

4. Vergil's *Æneid*, six books. Jones' Latin Prose Composition. Prosody of Hexametric verse.

5. The Junior Latin Reader, by Rolfe & Dennison may be substituted for portions of the work of number 2.

6. Ovid or Sallust. Portions of Ovid or Sallust may be studied instead of some of the orations of Cicero in number 3.

III. English.

The student having finished the eighth grade in the public schools, is supposed to come with a fair knowledge of English Grammar. The work done in the Academy is designed to give a most exhaustive and thorough study of the principles of the English language; to train the student in the use of his own tongue and to acquire some knowledge of the English classics. The course is as follows:

1. Grammar and Composition. Review of essentials and practice in original writing. Five hours per week, fall term, first year.

2. Rhetoric and Composition. Five hours per week, winter and spring terms, first year, Text book, Hart.

3. English Classics. Four hours per week, winter and spring terms, second year. For the years 1899 and 1900 a thorough study of the following works will be made:

1899.

Scott, "Marmion;" De Quincey, "Flight of a Tartar Tribe;" Shakespeare, "Merchant of Venice;" Tennyson, "The Princess;" Webster, "Bunker Hill Oration." Irving, "The Alhambra;" Macaulay, "Essay on Milton."

1900.

Dryden, "Palamon and Arcite;" Pope, "Translation of Iliad," books I, VI, XXII, XXIV; Bunyan, "Pilgrim's Progress;" Scott, "Kenilworth;" De Quincey, "Flight of a Tartar Tribe;" Cooper, "Last of the Mohicans;" Tennyson, "The Princess;" Lowell, "Vision of Sir Launfal;"

4. Paragraph structure. Text, Scott & Denny. One hour per week, fall term, third year.

5. Theme writing. Text, Fletcher & Carpenter. One hour per week, winter term, third year.

6. Study of forms of discourse. Text, Cairns. One hour per week, spring term, third year.

IV. History and Civil Government.

This course presupposes a knowledge of United States History and so takes up Civil Government as a supplementary study. The histories of Rome and Greece are parallel with the work in the Greek and Latin languages.

1. Civil Government. Mowry. Four hours weekly, fall term, second year.

2. Oriental Monarchies. Myers. Fall term of third year, three hours weekly.

3. Greek History. Myers. Winter term of third year, three hours weekly.

4. Roman History. Myers. Spring term of third year, three hours weekly.

V. Mathematics.

From the beginning students are taught to be exact and

systematic. The Academic Course is designed to give very thorough drill in the fundamental operations so that the purely mechanical part may be eliminated, so far as is possible, from the work later on.

1. Algebra. Five times per week throughout the first year. Special attention is given to the law of signs, factoring, fractions, the solution of simple equations, involution and evolution. Text book, Wells.

2 Algebra. Three times per week, fall and winter terms, second year. Thorough drill is given in the use of exponents, surds and imaginary quantities. Simple and simultaneous quadratic equations are studied with great care, and the solution of a great number of problems is required in order to fix in the minds of the students the various methods of solving them. Text book, Wells.

3. Advanced Arithmetic. Three times a week, spring term, second year. The study of Arithmetic as a branch of mathematical science. Application of algebraic formulae and processes to arithmetical operations.

4. Geometry. Five hours per week during the third year is given to Plane and Solid Geometry. Every effort is made to have the student think for himself, and to this end the solution of a large number of original exercises is required.

VI. Science.

Students in the academic department are favored with all the apparatus they need from the college department. While great stress is put upon doing the required amount of work for entering the College, greater stress is put upon the quality of the work, and the formation of right habits of thought and investigation.

1. Physical Geography. This study is pursued the

first half of the first year, reciting four times per week. Text book, Davis. This subject is used as a general introduction to science and scientific methods and has proven to be one of the most interesting studies in the academic course.

2. Botany. One or more classes are formed every year. It is required four times per week for the last half of the first year, but often students enter higher classes without the requisite preparation in this subject and a special class is formed. McBride is used as a text book with Gray or Bergen for reference. While the compound microscope is used by all the class, greater stress is put upon the gross anatomy of the plant. Each student is required to prepare a herbarium of at least twenty-five plants.

3. Physics. Three hours a week throughout the second year. Recitations and laboratory work. Text book, Avery's Elements.

VII. German.

This study is taken only by those students who seek to enter the College Philosophical or Scientific Course. Such students omit Course I.

1. Preparatory Grammar by Edgren & Fossler. Reader, Maerchen and Erzaehlungen, by Guerber. Winter and spring term, Grammar continued. Reader, Andersen's Maerchen by O. B. Super. Four times a week, second year.

2. Fall term of third year, Grammar, Collar's Shorter Eysenbach. Storm's Immensee. Winter term, Hillern's Hoehere als die Kirche. Spring term, Baumbach's Die Nonna. Five times per week throughout the year.

VIII. French.

This study is taken only by those students who desire

admission to the Scientific Course of the College. Such students omit the Cicero and Vergil of Course II.

1. Second year. Grammar, Chardenal's Complete French Course. Fall term, Reader *La Tache Du Petit Pierre*, by Mairet. Winter and Spring terms, Reader by O. B. Super. Five times per week, throughout the year.

2. Third year. Grammar, Chardenal's Complete French Course, continued. Reader, fall and winter terms, *Douze Contes Nouveaux*, C. Fontaine. Reader, spring term, *Bigarreau*, by Theurier. Five periods per week throughout the year.

IX. Reading and Expression.

1. Each year in the Academy will have two lessons a week in expression. One lesson will be given to exercises in breathing, pure tone placing, articulation, followed by reading. The other to physical exercise and the telling of stories—largely of adventure. Beside this each pupil will be assigned two standard short poems to be recited at stated times during the year.

2. The character of the second year's work is much the same as that of the first except that speech work takes the place of story telling. This begins with three minute talks, founded on some personal experience or observation, and later finds its topics in literature. Three recitations of standard poems are required through the year.

3. The work in the third year continues along the same lines, but the talks assume a more formal character and the selections assigned for rendering will be taken from noted orations.

SYNOPSIS OF ACADEMIC COURSE.

FIRST YEAR.		SECOND YEAR.		THIRD YEAR.	
Fall Term.		Fall Term.		Fall Term.	
Algebra (V. 1.)	5	Algebra (V. 2.)	3	Geometry (V. 4.)	5
Latin (II. 1.)	5	Latin (II. 2.)	5	Latin (II. 4.)	5
Grammar and Composition (III. 1.)	5	Greek (I. 1.)	3	Greek (I. 2.)	5
Physical Geography (VI. 1.)	4	Physics (VI. 3.)	4	Oriental Nations (IV. 2.)	3
Expression (IX. 1.)	2	Civil Government (IV. 1.)	2	English (III. 4.)	1
	21	Expression (IX. 2.)	2	Expression (IX. 3.)	2
			21		21
		Philosophical Course.		Phil. and Sc. Courses.	
		German (VII. 1.) instead of Greek.	4	German (VII. 2.) instead of Greek.	5
		Scientific Course French (VIII. 1.) instead of Latin.	5	Scientific Course.	
				French (VIII. 2.) instead of Latin.	5
Winter Term.		Winter Term.		Winter Term.	
Algebra (V. 1.)	5	Algebra (V. 2.)	3	Geometry (V. 4.)	5
Latin (II. 1.)	5	Latin (II. 3.)	5	Latin (II. 4.)	5
Rhetoric and Composition (III. 2.)	5	Greek (I. 1.)	4	Greek (I. 2.)	5
Physical Geography (VI. 1.)	4	Physics (VI. 3.)	3	Greek History (IV. 3.)	3
Botany (VI. 2.)	2	English Classics (III. 3.)	4	English (III. 5.)	1
Expression (IX. 1.)	2	Expression (IX. 2.)	2	Expression (IX. 3.)	2
	21		21		21
		Phil. and Sc. Courses.		Phil. and Sc. Courses.	
		German (VII. 1.) instead of Greek.	4	German (VII. 2.) instead of Greek.	5
		Scientific Course.		Scientific Course.	
		French (VIII. 1.) instead of Latin.	5	French (VIII. 2.) instead of Latin.	5
Spring Term.		Spring Term.		Spring Term.	
Algebra (V. 1.)	5	Advanced Arithmetic (V. 3.)	3	Geometry (V. 4.)	5
Latin (II. 2.)	5	Latin (II. 3.)	5	Latin (II. 4.)	5
Rhetoric and Composition (III. 2.)	5	Greek (I. 1.)	3	Greek (I. 3.)	5
Botany (VI. 2.)	4	Physics (VI. 3.)	3	Roman History (IV. 4.)	3
Expression (IX. 1.)	2	English Classics (III. 3.)	4	English (III. 6.)	1
	21	Expression (IX. 2.)	2	Expression (IX. 3.)	2
			21		21
		Phil. and Sc. Courses.		Phil. and Sc. Courses	
		German (VII. 1.) instead of Greek.	4	German (VII. 2.) instead of Greek.	5
		Scientific Course.		Scientific Course.	
		French (VIII. 1.) instead of Latin.	5	French (VIII. 2.) instead of Latin.	5

MUSICAL DEPARTMENT.

The Musical Department of Coe College is under the direction of Prof. E. M. C. Ezerman. Prof. Ezerman was born in Holland, where he commenced his musical studies at the early age of seven years. The masters under whom he has studied are such men as Nicolai, of the Royal Conservatory, the Hague, Holland; Carl van der Linden, director of the opera in Amsterdam; Haagmans and Vink, of Leipzig.

The Plan of Instruction.

Work may be taken privately or in classes. The last is especially beneficial to young students who have not had much experience in playing before others. For more advanced students private tuition is preferable.

Music Taught.

Both instrumental and vocal music is taught from the first beginning to the highest degree of proficiency.

Students who are already somewhat advanced will be graded accordingly.

Tuition.

The student is expected to pay at the beginning of each term for instruction in Piano, Organ, Voice Culture, Violin, Cello, Orchestral Instruments, Harmony and Composition, as follows:

	Fall Term.	Winter and Spring Term.
Two lessons per week, 3 in class.....	\$12.00	\$ 9.50
Two lessons per week, 2 in class.....	18.00	14.50
Two lessons per week, individual, 30 minutes.	18.00	14.50
One lesson per week, individual, 30 minutes..	9.50	7.75
Two lessons per week in Harmony, 4 in class.	9.50	7.75
Two lessons per week, 5 or more in class.....	7.75	6.50

Ensemble playing, 2 hours per week.....	10.00	8.00
Ensemble playing, 1 hour per week.....	6.00	5.00
Art of Accompaniment, class of 5, 60 minutes.	6.00	5.00
Training in Church, class of 5, 60 minutes....	6.00	5.00
Theory of Music in class.....	1.75	1.75
Sight reading, in class one lesson a week, per term.....		\$1.00
Chorus class, one lesson a week, per term.....		1.00
Use of piano, one hour daily, per term.....		2.50
Musical History, weekly lectures, free to students.		
Musical Biography, weekly lectures, free to students.		
Physiology of Voice, weekly lectures, free to students.		

Piano Course.

Grades I and II.

Note reading, position of hands, arms and body. Hand-rock op. 32, Spindler op. 273, Bertini 12 little pieces, with the easy Sonatines of Andre, Pleyel and others.

Grades II and III.

Duvernoy op. 120, Behrens op. 79, Bertini op. 100, op. 29, 32, Heller op. 47, Loeschorn op. 52, Sonatines by Schneider, Clementi, Kuhlau and Dussek.

Grades III and IV.

Czerny op. 636, Biehl op. 66, Czerny op. 299, Bach little Preludes and Fugues, Heller op. 45 and 46, Haendel Fhugetten, Sonatines Kuhlau and easier Sonatas by Clementi, Haydn, and Mozart.

Grades IV and V.

Czerny op. 740, Cramer etudes, Loeschorn op. 38, Jensen op. 32, Bach Inventions, Sonatas by Mozart, Haydn, Clementi and the easier ones by Beethoven.

Grades V and VI.

Clementi Gradus ad Parnassum, Chopin op. 25 and 10,

Liszt etudes, the more difficult Sonatas of Beethoven, Chopin and others.

Suggestive Points.

All through the piano course great attention is given to technique, commencing from the first finger exercises to the most difficult passage work. Especial attention is given to the right training of the wrist and arm. Students are required to take one term of Harmony before going from the third to the fourth grade.

Graduates are required to take one year in Harmony.

During the fall and winter term free lectures on musical history will be given, which students are expected to attend.

No charge is made for students' recitals, lectures, readings, etc.

All music students are expected to attend the classes in sight reading, for the ability to read at sight is the foundation of a true musical education.

Male students will on application to the secretary be admitted to the Apollo club, after giving proof of their ability to sing.

A large chorus class is accessible to all students.

Both the Glee club and chorus class are under the personal direction of Prof. Ezerman.

Coe College Quartet.

During the past year there was formed a Male Quartet which already has given great pleasure to many audiences. It consists of Frank V. Smith, 1st tenor; Robert T. Smith, 2nd tenor; Charles Burroughs, 1st bass; Harry Tisdale, 2nd bass.

STUDENTS.

SENIOR CLASS.

NAME.				RESIDENCE.
Broeksmit, Mary Helen,	-	-	-	Cedar Rapids
Buchanan, Josephine Lee,	-	-	-	Cedar Rapids
Clark, Abbie May,	-	-	-	Strawberry Point, Iowa
Clark, Pearl,	-	-	-	Cedar Rapids
Crenshaw, Hattie Laura,	-	-	-	Marengo, Iowa
Egloff, Lillian Theresa,	-	-	-	Waterloo, Iowa
Fisher, Alzo J.,	-	-	-	Ackley, Iowa
Ilsley, Harry E.,	-	-	-	Grand Junction, Iowa
Kearns, Carl Emerson	-	.	-	Springville, Iowa
Myers, Amy Ellen,	-	-	-	Cedar Rapids
Smith, Sarah Jane Graham,	-	-	-	Cedar Rapids
Smyth, William Woods,	-	-	-	Marion, Iowa
Spicer, Frank William,	-	-	-	Blairstown, Iowa
Stratford, Arthur A.,	-	-	-	Odebolt, Iowa

JUNIOR CLASS.

Beechley, Lorette Jesse,	-	-	-	Cedar Rapids
Brewer, Wesley Corwin,	-	-	-	Vinton, Iowa
Creswell, William James,	-	-	-	Londonderry, Ireland
Fowler, Kate Marcia,	-	-	-	Clinton, Iowa
Koons, Edwin Wade,	-	-	-	La Porte City, Iowa
Manson, Rebecca,	-	-	-	Marion, Iowa
McKechnie, Margaret,	-	-	-	Atkins, Iowa
Moffit, Martha,	-	-	-	Mechanicsville, Iowa
Patterson, William B.,	-	-	-	Boone, Iowa
Reed, Mae Claire,	-	-	-	Lohrville, Iowa
Tow, Sara,	-	-	-	Norway, Iowa
Vincent, Howell Smith,	-	-	-	Dysart, Iowa

SOPHOMORE CLASS.

Albaugh, Charles Reed,	-	-	-	Cedar Rapids
Aston, Emily Anna,	-	-	-	Shelby, Iowa
Broeksmit, John Shaw,	-	-	-	Cedar Rapids
Currie, Malcom,	-	-	-	Odebolt, Iowa
Donnan, Walter Andrew,	-	-	-	Cedar Rapids
Egloff, Edith Eglantine,	-	-	-	Waterloo, Iowa
Emerson, Catherine Enid,	-	-	-	Cedar Rapids
Lubbock, Robert Thomas,	-	-	-	Cedar Rapids
McKinlay, Arthur L.,	-	-	-	Cedar Rapids
Nisley, Frank Newton,	-	-	-	Blairstown, Iowa
Snyder, Mary Carolyn,	-	-	-	Cedar Rapids
Spencer, Bertha,	-	-	-	Cedar Rapids
Spicer, Samuel Sherman,	-	-	-	Blairstown, Iowa
Waite, Mabel Cornelia,	-	-	-	Cedar Rapids
White, Harry Clyde,	-	-	-	Cedar Rapids
Youel, John Elton,	-	-	-	Atkins, Iowa

FRESHMAN CLASS.

Alexander, Mabel,	-	-	-	Marion, Iowa
Aston, James,	-	-	-	Shelby, Iowa
Aussieker, Meta,	-	-	-	Cedar Rapids
Bailey, Susie Elizabeth,	-	-	-	Shenandoah, Iowa
Brown, Wilson Roberts,	-	-	-	Dexter, Iowa
Clark, Ada Ellen	-	-	-	Cedar Rapids
Clark, Margaret Blanch,	-	-	-	Monticello, Iowa
Clark, Maud Evelyn,	-	-	-	Tipton, Iowa
Daniels, Lowell,	-	-	-	Marion, Iowa
Emmert, M. W.,	-	-	-	Cedar Rapids
Gillmore, Elbert Jackson,	-	-	-	Marion, Iowa
Gray, Maggie Sargent,	-	-	-	Grundy Center, Iowa
Humble, Grace,	-	-	-	Marion, Iowa
Hammond, Jessie,	-	-	-	Des Moines, Iowa
Hayden, A. Edison,	-	-	-	Blairstown, Iowa

Knox, James McBryde,	-	-	-	Cedar Rapids
LaGrange, Robert Ray,	-	-	-	Marion, Iowa
Lowery, William Bruce,	-	-	-	Cedar Rapids
Machula, Beatrice Bernice,	-	-	-	Cedar Rapids
Montillon, Adeline Beulah,	-	-	-	Cedar Rapids
McCook, James Brown,	-	-	-	Riceville, Iowa
McCormick, Jennie Elizabeth,	-	-	-	Tipton, Iowa
McFarland, John Stuart,	-	-	-	Williamsburg, Iowa
Myers, Mark J.,	-	-	-	Cedar Rapids
Newcomb, Mary Eloise,	-	-	-	Waterloo, Iowa
North, Anna Margaret,	-	-	-	Cedar Rapids
Oxley, John Taylor,	-	-	-	Marion, Iowa
Poyneer, Charlotte Rebecca,	-	-	-	Williamsburg, Iowa
Rippel, Albert,	-	-	-	La Porte City, Iowa
Robertson, Agnes Hendrie,	-	-	-	Cedar Rapids
Street, Eunice Helen,	-	-	-	Monticello, Iowa
Thanner, Marie Elise,	-	-	-	Cedar Rapids
Umbarger, William L,	-	-	-	Odebolt, Iowa
Van Der Pool, Jennie May,	-	-	-	Clarence, Iowa
Van Der Pool, Ward,	-	-	-	Clarence, Iowa
Watkins, Howard,	-	-	-	Grundy Center, Iowa
Weber, Cora,	-	-	-	Cedar Rapids
Weyer, Cora Lilian,	-	-	-	Shellsburg, Iowa

ACADEMY.

Third Year.

Armstrong, Chester Arthur,	-	-	-	Cedar Rapids
Armstrong, Fred Bert,	-	-	-	Cedar Rapids
Dix, Helen May,	-	-	-	Cedar Rapids
Fuhrmeister, Luther Andrew,	-	-	-	Cedar Rapids
Grandle, Frank P.,	-	-	-	Marion, Iowa
Milverstedt, Maud,	-	-	-	Anaconda, Mon.
Owens, Alma Elizabeth,	-	-	-	Atkins, Iowa
Spencer, Fred Charles,	-	-	-	Cedar Rapids

Schwartz, Bertha M.,	-	-	-	Sioux City, Iowa
Taylor, De Vee,	-	-	-	Toddville, Iowa
Taylor, Maud,	-	-	-	Toddville, Iowa
Wilson, Raymond Everett,	-	-	-	Cedar Rapids
Weinland, Frederick E.,	-	-	-	Blairstown, Iowa
Youel, Charles D.,	-	-	-	Atkins, Iowa

Second Year.

Adams, Charles,	-	-	-	Cedar Rapids
Albaugh, Redmond D.,	-	-	-	Cedar Rapids
Anderson, John T.,	-	-	-	Washington, Minn.
Bear, Samuel J.,	-	-	-	Cedar Rapids
Beggs, Lola,	-	-	-	Toddville, Iowa
Bohac, Frank,	-	-	-	Clarkson, Neb.
Bonebreak, Grace,	-	-	-	Toddville, Iowa
Boyd, Fannie,	-	-	-	Eldora, Iowa
Bruce, J. H.,	-	-	-	Anamosa, Iowa
Carstens, Martin,	-	-	-	Cedar Rapids
Chandler, Perley Bickford,	-	-	-	Marengo, Iowa
Deacon, Mary,	-	-	-	Cedar Rapids
Dill, Lizzie,	-	-	-	Cedar Rapids
Gott, Norah,	-	-	-	Toddville, Iowa
Hall, Edward Jay,	-	-	-	Cedar Rapids
Leonard, Mary Belle,	-	-	-	Kenwood Park, Iowa
Martin, Whitney Dale,	-	-	-	Marion, Iowa
McCaslin, Davida,	-	-	-	Cedar Rapids
Moorhead, Ralph,	-	-	-	Marion, Iowa
Morton, John,	-	-	-	Central City, Iowa
Perkins, Fred Elliott,	-	-	-	Cedar Rapids
Preston, Mary,	-	-	-	Cedar Rapids
Reynolds, Everett,	-	-	-	Sylvia, Iowa
Rabe, Jennie,	-	-	-	Palo, Iowa
Wehrhan, Nelson,	-	-	-	Shell Rock, Iowa
Williams, Lester A.,	-	-	-	Cedar Rapids
Wylie, Elizabeth,	-	-	-	Crystal, Iowa

First Year.

Albaugh, Jay J.,	-	-	-	-	Cedar Rapids
Barnell, Earl,	-	-	-	-	Cedar Rapids
Bird, Albia,	-	-	-	-	Cedar Rapids
Bowlus, Kathrina,	-	-	-	-	Cedar Rapids
Brittain, Lorena,	-	-	-	-	Cedar Rapids
Cairns, Sylvia,	-	-	-	-	Ely, Iowa
Clark, Marshall,	-	-	-	-	Cedar Rapids
Douglas, George,	-	-	-	-	Cedar Rapids
Ely, John Montague,	-	-	-	-	Cedar Rapids
Faulkes, Alice,	-	-	-	-	Cedar Rapids
Forst, Agnes,	-	-	-	-	Solon, Iowa
Forst, Anna,	-	-	-	-	Solon, Iowa
Harvey, Earl Renshaw,	-	-	-	-	Kenwood Park, Iowa
Harmer, Charles,	-	-	-	-	Cedar Rapids
Lee, Robert D.,	-	-	-	-	Marion, Iowa
Leonard, Nathan,	-	-	-	-	Kenwood Park, Iowa
Meacham, Merle,	-	-	-	-	Cedar Rapids
McAllister, Lottie,	-	-	-	-	Seymour, Iowa
McCormick, James,	-	-	-	-	Cedar Rapids
McCormick, Gertrude,	-	-	-	-	Cedar Rapids
Munger, Perry,	-	-	-	-	Cedar Rapids
Niles, Frederick,	-	-	-	-	Cedar Rapids
Rickman, Thurman,	-	-	-	-	Cedar Rapids
Robertson, Bessie,	-	-	-	-	Grundy Center, Iowa
Railsback, Gary,	-	-	-	-	Palo, Iowa
Reinheimer, Lydia,	-	-	-	-	Marion, Iowa
Robins, Helga,	-	-	-	-	Robins, Iowa
Smith, May,	-	-	-	-	Cedar Rapids
Smith, Charles,	-	-	-	-	Cedar Rapids
Shaver, Isaac,	-	-	-	-	Cedar Rapids
Stevenson, Harry,	-	-	-	-	Cedar Rapids
Stevenson, Anna Pearl,	-	-	-	-	Traer, Iowa
Stookey, James,	-	-	-	-	Robins, Iowa
Stookey, Conn,	-	-	-	-	Robins, Iowa

Stewart, Alice Belle,	-	-	-	Cedar Rapids
Sullivan, Jerry D.,	-	-	Washington Mills, Iowa	
Welsh, Oliver,	-	-	-	Cedar Rapids
Wettstein, Paul Albert,	-	-	-	Cedar Rapids
Warner, Ethel,	-	-	-	Cedar Rapids

SPECIAL STUDENTS.

Adams, Olive May,	-	-	-	Cedar Rapids
Besler, Fannie,	-	-	-	Cedar Rapids
Burkhalter, Lewis D.,	-	-	-	Cedar Rapids
Cooper, Millicent F.,	-	-	-	La Porte City, Iowa
Gay, Helen H.,	-	-	-	La Porte City, Iowa
Heinrich, May,	-	-	-	Blairstown, Iowa
Hughes, Irma,	-	-	-	Williamsburg, Iowa
Humphrey, Teresa Mildred,				Williamsburg, Iowa
Koch, Jane A.,	-	-	-	Cedar Rapids
Lubbock, Ida,	-	-	-	Cedar Rapids
Moulton, Edna,	-	-	-	Cedar Rapids
Munger, Earle A.,	-	-	-	Cedar Rapids
Wolfe, Fannie E.,	-	-	-	Cedar Rapids
Watson, Eva Maude,	-	-	Marshall, Minnesota	

MUSIC STUDENTS.

Augsbury, Winnifred,	-	-	-	Cedar Rapids
Burroughs, Chas.,	-	-	-	Cedar Rapids
Blanchard, Gertrude,	-	-	-	Mitchell, S. D.
Broeksmit, John,	-	-	-	Cedar Rapids
Cooper, Millicent	-	-	-	La Porte City, Iowa
Crammond, Chas.,	-	-	-	Algona, Iowa
Consigny, Lilian,	-	-	-	Cedar Rapids
Dike, Fannie,	-	-	-	Cedar Rapids
Dawson, Olivia,	-	-	-	Cedar Rapids
Daniels, Mary,	-	-	-	Cedar Rapids
Elson, Clara,	-	-	-	Cedar Rapids
Ely, Mary Esther,	-	-	-	Cedar Rapids
Fox, Merritt,	-	-	-	Cedar Rapids
Fox, Martha,	-	-	-	Cedar Rapids
Gay, Helen,	-	-	-	La Porte City, Iowa
Hughes, Irma,	-	-	-	Williamsburg, Iowa
Hormel, Gertrude,	-	-	-	Cedar Rapids

Hormel, Charles, -	-	-	-	-	Cedar Rapids
Krebs, Laura, -	-	-	-	-	Cedar Rapids
Mihills, Emily, -	-	-	-	-	Cedar Rapids
Munger, Earle, -	-	-	-	-	Cedar Rapids
Munger, Elsie, -	-	-	-	-	Cedar Rapids
McCormick, Gertrude, -	-	-	-	-	Cedar Rapids
Newman, Irene, -	-	-	-	-	Cedar Rapids
Poyneer, Charlotte, -	-	-	-	-	Williamsburg, Iowa
Perkins, Maude, -	-	-	-	-	Cedar Rapids
Sherman, Phœbe M., -	-	-	-	-	Cedar Rapids
Smith, Frank V., -	-	-	-	-	Cedar Rapids
Smith, Irma, -	-	-	-	-	Cedar Rapids
Tisdale, Harry, -	-	-	-	-	Cedar Rapids
Utt, Arthur, -	-	-	-	-	Lisbon, Iowa
Wettstein, Maude, -	-	-	-	-	La Porte City, Iowa
White, Harry, -	-	-	-	-	Cedar Rapids
Wallace, Chester, -	-	-	-	-	Cedar Rapids
Witwer, Jessie, -	-	-	-	-	Cedar Rapids

SUMMARY.

Collegiate—	
Seniors	14
Juniors	12
Sophomores	16
Freshmen	38
Specials	14
	<hr/>
Academic	94
Musical.	80
	<hr/>
Total	209
Deduct those enrolled twice	8
	<hr/>
Net total	201

ALUMNI ASSOCIATION.

The names of the Alumni were printed in last year's catalogue and it is unnecessary to reprint them in this. We give here simply the names of the officers of the Association.

Lewis Heins, President, - - Cedar Rapids, Iowa

Miss Frances Tomlinson, Secretary, Cedar Rapids, Iowa

NOTICE.

This Catalogue has been printed by the courtesy of the following prominent business houses of Cedar Rapids, friends and supporters of Coe College:

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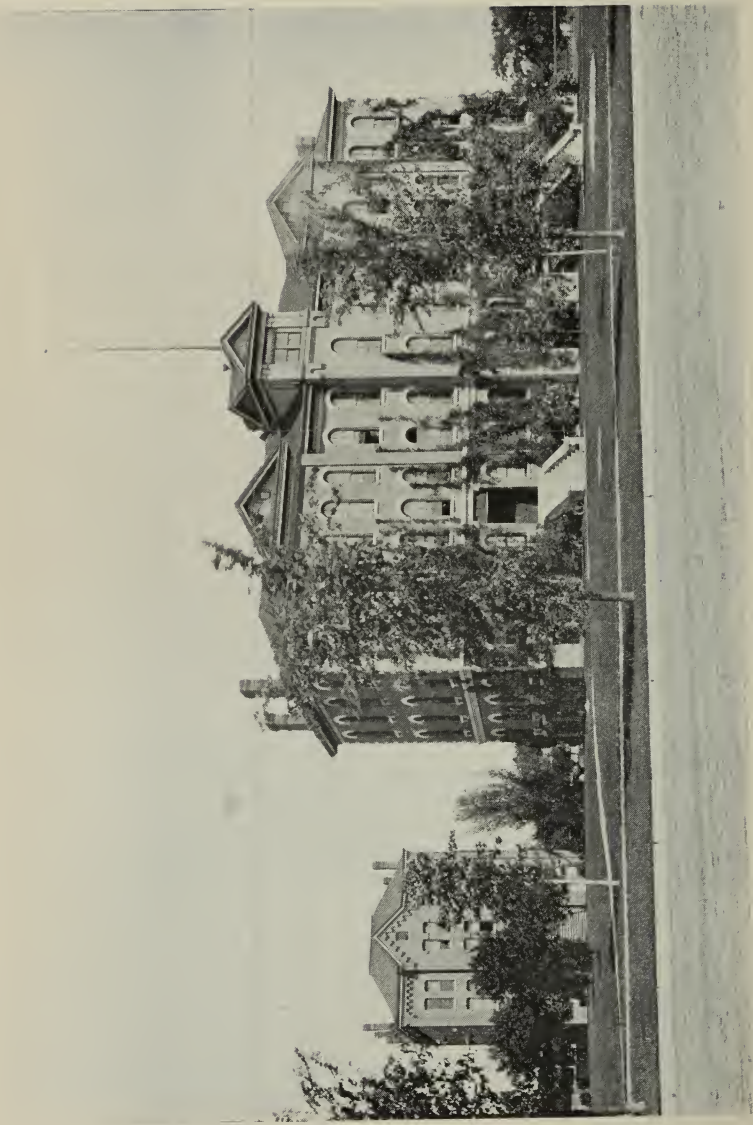
C. G. Greene, Real Estate, Fire and Fidelity Insurance.

The Record Printing Co., Book and Job Printing.

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OF THE
UNIVERSITY of ILLINOIS.



MAIN BUILDING AND WILLISTON HALL.

ANNUAL CATALOGUE OF ❁
COE COLLEGE ❁ ❁ ❁ ❁ for the
NINETEENTH YEAR. ❁ ❁ ❁ ❁

1899
1900

1900
COE COLLEGE PRESS
CEDAR RAPIDS, IOWA.

CALENDAR

1899.

- SEPT. 13, Wednesday, Fall Term begins. Students meet in the
College Chapel at 9 a. m.
SEPT. 17, Coe College in the Churches.
OCT. 11, Meeting of the Board of Trustees.
NOV. 30, Thanksgiving Day.
DEC. 8, Home Oratorical Contest.
DEC. 14, Washington Memorial Day.
DEC. 15-21, Term Examinations.
DEC. 21, Fall Term ends.

1900.

- JAN. 3, Wednesday, Winter Term begins. Class Work begins.
JAN. 5, Subjects for Prize Orations and Essays announced.
JAN. 25, Thursday, Day of Prayer for Colleges.
MARCH 2, Inter-Society Debate.
MARCH 9, Friday, The Olio Society Graduating Exercises.
MARCH 16, Friday, The Sinclair Society Graduating Exercises.
MARCH 16-21, Term Examinations.
MARCH 21, Wednesday, Term ends.
MARCH 28, Wednesday, Spring Term begins. Class Work.
APRIL 6, The Alpha Nu Society Graduating Exercises.
APRIL 13, The Carleton Society Graduating Exercises.
MAY 4, Prize Orations due.
MAY 11, Commencement Theses due.
MAY 14, Prize Essays due.
MAY 25, Coe Academic Entertainment.
MAY 29-31, Senior Examinations.
MAY 31, Thursday, 8 p. m., Junior Exhibition.
JUNE 1-4, General Examinations.
JUNE 1, Friday, Coe College Glee Club Annual.
JUNE 2, Saturday, Field Day.
JUNE 3, Sunday, 10:30 a. m., Baccalaureate Sermon by President.
JUNE 3, Sunday, 8 p. m., Sermon before Christian Associations.

CALENDAR.

1900

JUNE 4, Monday, 8 p. m., Dows' Essay Contest.
JUNE 5, Tuesday, Examination for Admission.
JUNE 5, Tuesday, 9 a. m., Meeting of the Board of Trustees.
JUNE 5, Alumni Day.
JUNE 5, 3 p. m., Class Day Exercises.
JUNE 5, 8 p. m., Bever Oratorical Prize Contest.
JUNE 6, Wednesday, 10 a. m., Annual Commencement.
JUNE 6, Afternoon, Alumni Banquet and Reunions.
JUNE 6, 9 p. m., President's Reception.

SUMMER SCHOOL.

JUNE 11, Monday, Opening Day. Registration.
JULY 4, Wednesday, Holiday.
JULY 20, Friday, Term closes.

VACATION.

Session of 1900 and 1901.

SEPT. 12, Fall Term begins. Students meet in the College Chapel at 9 a. m.
SEPT. 16, Coe College in the Churches.
OCT. 2, The names of Contestants in the Home Oratorical Contest to be given to the President.
OCT. 10, Meeting of the Board of Trustees.
NOV. 12, Orations in the Home Oratorical Contest due.
NOV. 29, Thanksgiving Day.
DEC. 7, Home Oratorical Contest.
DEC. 17-20, Term Examinations.
DEC. 20, Fall Term ends.

1901.

JAN. 3, Wednesday, Winter Term begins. Class Work begins.
JAN. 5, Announcement of Subjects for Prize Orations and Essays.

CALENDAR.

1901

- JAN. 31, Thursday, Day of Prayer for Colleges.
FEB. 22, Washington's Birthday.
MARCH 1, Inter-Society Debate.
MARCH 8, Friday, The Carleton Graduating Exercises.
MARCH 15, Friday, The Olio Graduating Exercises.
MARCH 18-20, Term Examinations.
MARCH 20, Term closes.
MARCH 27, Wednesday, Spring Term begins. Class Work.
APRIL 5, The Sinclair Graduating Exercises.
APRIL 12, The Alpha Nu Graduating Exercises.
MAY 4, Prize Orations due.
MAY 11, Commencement Theses due.
MAY 18, Prize Essays due.
MAY 31, Coe Academic Entertainment.
JUNE 5-7, Senior Examinations.
JUNE 6, Thursday, 8 p. m., Junior Exhibition.
JUNE 7-11, General Examinations.
JUNE 7, Friday, Coe College Glee Club Annual.
JUNE 8, Saturday, Field Day.
JUNE 9, Sunday, 10:30 a. m., Baccalaureate Sermon by the President.
JUNE 9, Sunday, 8 p. m., Sermon before Christian Associations.
JUNE 10, Monday, 8 p. m., Dows' Prize Debate and Essay Contest.
JUNE 11, 9 a. m., Meeting of the Board of Trustees.
JUNE 11, Alumni Day.
JUNE 11, 3 p. m., Class Day Exercises.
JUNE 11, 8 p. m., Bever Oratorical Prize Contest.
JUNE 12, Wednesday, 10 a. m., Annual Commencement.
JUNE 12, Afternoon, Alumni Banquet and Reunions.
JUNE 12, 9 p. m., President's Reception.

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Mr. C. B. Soutter,	-	-	-	President of the Board
Rev. E. R. Burkhalter, D. D.,				Vice-President of the Board
Mr. John S. Ely, A. B.,	-	-	-	Secretary
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1900

Mr. John Sinclair,	-	-	-	New York City, New York
C. J. Deacon, Esq.,	-	-	-	Cedar Rapids, Iowa
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Rev. W. H. Jordan,	-	-	-	Grundy Center, Iowa
Mr. C. F. Butler,	-	-	-	Springville, Iowa

1901

Rev. E. R. Burkhalter, D. D.,	-	-	-	Cedar Rapids, Iowa
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Mr. C. B. Soutter,	-	-	-	Cedar Rapids, Iowa
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Mr. James Black,	-	-	-	Waterloo, Iowa
Mr. A. T. McDonald,	-	-	-	Independence, Iowa
Mr. James H. Douglas,	-	-	-	Cedar Rapids, Iowa

1902

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Mr. George W. Wynn,	-	-	-	Cedar Rapids, Iowa
Mr. J. C. Broeksmit,	-	-	-	Cedar Rapids, Iowa
John F. Ely, M. D.,	-	-	-	Cedar Rapids, Iowa
Rev. D. S. McCaslin, D. D.,	-	-	-	Cedar Rapids, Iowa
Mr. P. C. Frick,	-	-	-	Cedar Rapids, Iowa
Hon. S. L. Dows,	-	-	-	Cedar Rapids, Iowa
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*Professor of French Language and Literature.

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E. M. C. EZERMAN,
Professor of Music.

*Chair to be filled at the Annual Meeting in June.

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Assistant Treasurer.

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MISS KING, PROF. BATES, PROF. ASH.

Classification.

PROF. CONDIT, Chairman, MISS KING, Secretary,
PROF. STOOKEY, PROF. BRYANT, PROF. HUGGETT.

Entrance Examinations and Conditions.

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PROF. GIST.

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PROF. BRYANT, Chairman, PROF. GIST, MISS KING.

Summer School.

PROF. BATES, Chairman, PROF. STOOKEY,
PROF. HUGGETT, Secretary.

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PROF. CONDIT, Chairman, PROF. HUGGETT.

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MISS LEEB, Chairman, MRS. KILBOURNE, PROF. ASH.

The College and Its History.

Coe College had its origin in a school which the Rev. Williston Jones, pastor of the First Presbyterian church, Cedar Rapids, Iowa, opened in his own house in 1851. Soon thereafter was organized the corporation called "Cedar Rapids Collegiate Institute," with George Greene, president; Sampson C. Bever, treasurer; David Blakely, secretary, and the following persons as directors: William Jones, John F. Ely, Wm. E. Smith, Seymour D. Carpenter, Addison Daniels, Isaac Cook, Wm. Greene, John L. Shearer, and Aaron Van Doran.

In 1853 the Rev. Williston Jones presented to the board of directors an instrument of writing, signed by Daniel Coe, of the County of Greene, of the State of New York, making a conditional donation to the institute of the sum of fifteen hundred dollars for the purpose of evangelical education in the West. Dr. John F. Ely, Dr. S. D. Carpenter, Isaac Cook, James Ferguson and Rev. Williston Jones were appointed to fulfill the conditions of the grant.

The history of the growth of higher education in Cedar Rapids began with the labors of the above named gentlemen. It has been carried on by some of them, who still live, and others Rev. James Knox and Judge Greene and Thomas M. Sinclair, who have passed away. Some of the most prominent citizens of Cedar Rapids today are giving their best efforts, both in counsel and money, for the enlargement and permanency of the College.

"The Coe Donation" and the "Parsons Legacy" figure largely in the history of the establishment of a seminary of learning. They were an inspiring force for years, expressed in the successive stages of "Cedar Rapids Collegiate Institute," and

finally "Coe College."

In 1881, in accordance with the laws of the State of Iowa, Coe Collegé was chartered with full power to confer honors, degrees and diplomas, such as are granted by any college or university in the United States.

The corporation consists of a board of trustees, thirty in number, ten of whom are chosen annually, each serving a term of three years.

The college is under the oversight of the Presbyterian Synod of Iowa. In 1881 the Rev. Stephen Phelps, D. D., was chosen the first president. He resigned in 1886, and in 1887 the Rev. James Marshall, D. D., of New York, was chosen his successor, and continued in that position until his death in September, 1896. In 1897 the present incumbent was chosen as the successor of Dr. Marshall.

The immediate government and direction of affairs of the college are vested in the faculty, who are empowered by the trustees to determine the subjects and methods of study, and to make such rules and regulations as may be deemed necessary for the best interests of the college.

Admission.

All candidates for admission to the college, not known to the faculty, must present testimonials of good moral character; and if the candidate has been a student in another college or university, he must present a certificate of honorable dismissal from that institution.

Admission by Certificate.

The committee on uniform college entrance requirements appointed by the State Teachers' Association has prepared a list

of accredited high schools and academies as set forth below. Coe College simply accepts this list and has no responsibility for its preparation.

Students who have graduated from any one of the fully accredited high schools and academies in Group I., or from other schools of exactly similar grade, will be admitted to the proper course in the Freshman class without examination.

GROUP I.

The following schools are accredited as making full preparation for one or more of the courses of the colleges of the Collegiate Department of the Iowa State Teachers' Association:

Ackley,	Grinnell,	Sibley,
Adel,	Guthrie Center,	Sigourney,
Albia,	Guthrie County,	Sioux City,
Algona,	Hamburg,	Spencer,
Ames,	Harlan,	Storm Lake,
Anamosa,	Hampton,	Stewart,
Atlantic,	Ida Grove,	Taylorville Tp.,
Bedford,	Independence,	Taylorville, Ill.,
Boone,	Iowa City,	Tipton,
Britt,	Iowa Falls,	Traer,
Brooklyn,	Jefferson,	Villisca,
Burlington,	Keokuk,	Vinton,
Carroll,	Knoxville,	Washington,
Cedar Falls,	LeMars,	Waterloo E.,
Cedar Rapids,	Leon,	Waterloo W.,
Centerville,	Lyons,	Waukon,
Charles City,	Manchester,	Waverly,
Cherokee,	Maquoketa,	Webster City,
Clarinda,	Marengo,	Williamsburg,
Clarion,	Marion,	Cedar Valley Semin-
Clinton,	Marshalltown,	ary, Osage.

Columbus Junction,	Mason City,	Charles City College
Corning,	McGregor,	Preparatory,
Council Bluffs,	Missouri Valley,	Decorah Institute,
Cresco,	Moline, Ill.,	Denison Normal
Creston,	Montezuma,	School,
Davenport,	Mount Ayr,	Dexter Normal
Decorah,	Muscatine,	School,
Denison,	Nevada,	Epworth Seminary,
Des Moines E.,	New Hampton,	Howe's Academy,
Des Moines N.,	Newton,	Mt. Pleasant,
Des Moines W.,	Onawa,	Iowa City Academy,
Dubuque,	Osage,	Michigan Military
Eagle Grove,	Osceola,	Academy,
Eldora,	Oskaloosa,	Sac City Institute,
Emmetsburg,	Ottumwa,	Urbana Schroeder
Estherville,	Parkersburg,	Academy,
Fairfield,	Perry,	Washington Acad-
Forest City,	Red Oak,	emy,
Fort Dodge,	Rinebeck,	Whittier College,
Fort Madison,	Rockford,	Wilton German-Eng-
Geneseo, Ill.,	Rock Rapids,	lish College,
Glenwood,	Sanborn,	Woodbine Normal
Greene,	Sheldon,	School.
Greenfield,	Shenandoah,	

GROUP II.

The following schools are entitled to recognition, some of them as doing sufficient work of the kind and quality required to entitle their students to enter the Freshman class with the four conditions allowed by the Committee on Secondary School Relations, to be made up after entrance to college; others to the acceptance of work without examination, as far as it will go, though they have not sufficient studies to admit their students, to the Freshman class. Some have made application for a place on the accredited list, but as the data for the full decision is insufficient

and the opportunity for visiting has not yet presented itself, the application is filed for one year, and their work is accepted without examination as far as it goes:

Adair,	Grundy Center,	Riceville,
Allerton,	Holdstein,	Richland,
Anita,	Hubbard,	Rolfe,
Audubon,	Humboldt,	Sac City,
Avoca,	Keosauqua,	Shelby,
Bloomfield,	Kingsley,	Shell Rock,
Brighton,	Lake Mills,	Sioux Rapids,
Chariton,	Lime Springs,	Springdale,
Charter Oak,	Manning,	Springville,
Clarence,	Mapleton,	State Center,
Clearfield,	Mechanicsville,	Tabor,
Cedar Lake,	Milton,	Tama City,
Colfax,	Monticello,	Victor,
Correctionville,	Morning Sun,	Wapello,
Corydon,	Moulton,	West Union,
De Witt,	Mount Pleasant,	Wilton,
Dysart,	Nashua,	Winfield,
Eldon,	Neola,	Calhoun County Nor-
Elkader,	North English,	mal School,
Exira,	Northwood,	Hawarden Normal
Fayette,	Oak Park,	School,
Fonda,	Odebolt,	Nora Springs Semin-
Fontanelle,	Oelwein,	ary,
Garner,	Orange City,	St. Angar's Semin-
Glidden,		ary.

Admission by Examination.

Entrance examinations will be held at the college on Tuesday of commencement week and on the first two days of each

term, on which days students should present themselves in the chapel at 9 a. m. Where it is possible, advantage should be taken of the earlier date, thus securing the vacation in which to make up any deficiencies.

Freshman Entrance Requirements.

CLASSICAL COURSE.

I. LATIN.

1. Grammar. Allen and Greenough, Harkness (last edition), or Bennett. The inflections; syntax of cases and verbs; the structure of sentences in general, and very particularly with regard to conditional and relative sentences, indirect discourse, and the subjunctive; accent and versification, with especial reference to Dactylic Hexameter.

2. Latin Prose Composition. The ability to translate readily into Latin, simple continuous prose based upon Caesar and Cicero. Moulton and Collar's Latin Composition and Jones' Latin Prose Composition or their equivalents.

NOTE.—To do this work satisfactorily the student must have spent upon it at least one hour a week during the three years' course.

3. Latin Texts. (a) Cæsar. The first four books of the Gallic war. Any of the first class books designed for the second year's work in Latin (i. e. Rolfe and Denison's Junior Latin Book, Greenough, D'Ooge and Daniell's Second Year Latin and others of the same nature) will be accepted by this college as full equivalents for the required work in Cæsar. (b) Cicero. Six Oartions, including the four against Catiline and those for Archias and the Manilian Law. Portions of Ovid or Sallust equivalent to the same may be substituted for three of these orations; or other orations of Cicero will be accepted as substitutes for the ones listed. (c) Vergil. Six books of the Æneid.

II. GREEK.

The College Courses presuppose a thorough mastery of the Greek Grammar, including declension, conjugation, irregular forms, constructions, conditional sentences and indirect discourse. The following, or what will be an equivalent, are the entrance requirements in Greek:

1. Greek Grammar (Goodwin's) and White's First Lessons.
2. Books I and II of the Anabasis read with special regard to the forms and syntax. Book III and selections from Book IV read more rapidly. Also practice in sight reading.
3. Greek Composition. Translation into Greek of easy Attic prose based on the Anabasis.
4. Homer. Iliad, book I and book II, lines 1-498, attention being especially given to the dialect, syntax and meter. Book III will be read more rapidly, and parts of it at sight.

NOTE.—Special provision for acquiring Greek will be made for those students who desire to take the classical course but have not had Greek. Since few high schools are prepared to teach Greek, such students may, if prepared in other branches of study, be admitted to the Freshman class.

III. MATHEMATICS.

1. Arithmetic. Entire, including metric system. White.
2. Algebra. Through quadratic equations. Wentworth or Wells.

NOTE.—The student, in order to do successfully the work in the Freshman class, must have a thorough knowledge of all the fundamental algebraic operations. Special attention should be given the following: Parentheses, factoring, involution, evolution, indices, surds and imaginaries.

3. Geometry. Plane, solid and spherical. Wentworth.

IV. ENGLISH.

The student who enters the Freshman class must have a good knowledge of the English Language. This should include

the ability to read intelligently, to spell correctly, to apply the principles of English grammar, to express himself clearly in written discourse, and to write a plain, legible hand. He should also be familiar with the English classics required for college entrance. Those applying for admission in 1900 will be examined on the following English classics: Dryden's *Palamon and Arcite*; Pope's *Translation of Iliad*, books I, VI, XXII, XXIV; Bunyan's *Pilgrim's Progress*; Scott's *Kenilworth*; De Quincey's *Flight of a Tartar Tribe*; Cooper's *Last of the Mohicans*; Tennyson's *The Princess*; Lowell's *Vision of Sir Launfal*. Those applying for admission in 1901 will be examined on the following works: Burke's *Speech on Conciliation with America*, Macaulay's *Essays on Milton and Addison*, Milton's *Minor Poems*, Milton's *Paradise Lost*, Books I. and II., and Shakespeare's *Macbeth*. The following books should also be read: George Eliot's *Silas Marner*; Pope's *Translation of the Iliad* (Books I., VI., XXII., and XXIV.); The *Sir Roger de Coverley Papers*; Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*; Shakespeare's *Merchant of Venice*; Cooper's *Last of the Mohicans*; Tennyson's *Princess*; Coleridge's *Ancient Mariner*; Lowell's *Vision of Sir Launfal*.

V. HISTORY.

1. United States History. Fiske's, or McMaster's recommended.
2. Civil Government. Mowry's "Studies in Civil Government," or Macy's "Our Government," recommended.
3. Oriental History. Myer's "Eastern Nations," or its full equivalent.
4. Grecian History. Myer's "History of Greece," Revised Edition, or its substantial equivalent.
5. Roman History. Myer's "History of Rome," Revised Edition, or Leighton's "History of Rome," or the full equivalent of either.

VI. SCIENCE.

1. Physiology. The required knowledge of this subject may be obtained by the study of Colton's "Experimental and Descriptive Physiology," or Martin's "The Human Body, Shorter Course."

2. Geography. Any of the later text-books, as Frye's "Complete Geography," or "The Natural Series" will indicate the required preparation in this subject.

3. Physiography. A general knowledge of Surface Forms and Land and Water Distribution from the standpoint of cause and effect, especially as they modify life on the earth. Text-books suggested: Davis', Tarr's, or The Eclectic Physical Geography.

4. Physics. "Avery's Elements" or "Gage's Principles." One year's work, four hours per week. At least sixty experiments to be carefully written up.

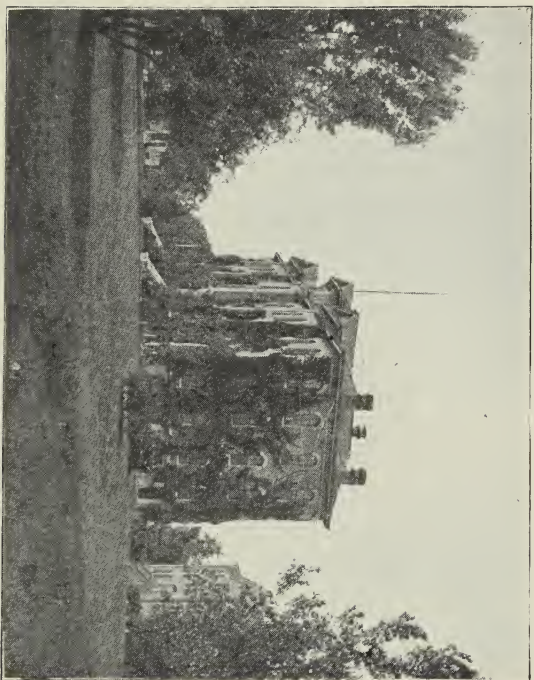
5. Botany. Preparation should cover the ground of Bergen's "Elements of Botany," or McBride's "Lessons in Botany;" but the description and identification, with preserved specimens of a minimum of fifty plants, on the basis of Gray's "Lessons" as a text-book, will be accepted.

PHILOSOPHICAL COURSE.

The requirements for admission are the same as in the Classical course, except that German takes the place of Greek as follows:

VII. GERMAN.

In order to enter the Freshman class the student must have a thorough knowledge of German Grammar, and ability to translate at sight easy German prose; also ability to pronounce German words and to understand simple phrases, and to write simple sentences. To attain this the student should be familiar with the following books:



A VIEW FROM THE EAST.

1. Grammar, Collar's Shorter Eysenbach.
2. Reader, Maerchen and Erzaehlungen. Guerber.
3. Immensee. Storm.
4. Collar's Shorter Eysenbach, continued.
5. Hoeher als die Kirche. Hillern.
6. Wilhelm Tell. Schiller.
7. Die Waldheimat. Rosagger.

SCIENTIFIC COURSE.

The same requirements as in the Philosophical, except that for the work in Cicero and Vergil the following course in French is substituted:

VIII. FRENCH.

This course includes a thorough knowledge of French Grammar, especial attention being paid to the verbs, and ability to write simple sentences in French and to read ordinary French at sight. To attain this, familiarity with the following works is required:

1. Grammar. Chardenal's Complete French Course.
2. La Tache Du Petit Pierre. Mairet.
3. Bigarreau. Theurier.
4. Le Duc de Beauford. Dumas.
5. L'Abbe' Constantin. Halevy.

NOTE.—Where students come from schools in which French or German is not taught, satisfactory arrangements will be made. Students defective in modern languages and Greek, who register as Freshmen, will be required to make up all their deficiencies as rapidly as possible.

ADMISSION FROM OTHER COLLEGES.

Students from other colleges whose curriculum is substantially the same as our own may be admitted to corresponding standing in Coe, upon presentation of a certificate of dismissal, stating that they were in good and regular standing. Such persons will not be admitted later than the first term of the Senior year.

ADMISSION TO ADVANCED CLASSES.

Admission to an advanced class by examination is conditioned on the candidate's having completed all the studies pursued by that class in regular course. But this does not necessarily mean the same text books or authors, but what may be accepted as a full equivalent. Such students cannot be admitted later than the beginning of the Senior year.

ADMISSION TO PARTIAL COURSE.

Those who are not candidates for a degree may, without examination, join any class for which it is found their attainments fit them, and thus pursue a partial course.

ENROLLMENT.

Students desiring to enter any department of the institution will meet the classification committee at the college on registration day. All bills for tuition should be paid in advance to the acting assistant treasurer, and for board, if the students board at Williston Hall. They will then be enrolled as members of the institution by the secretary of the faculty, on presentation of receipts from the treasurer. A student who fails to pay his tuition, or make satisfactory arrangement therefor with the assistant treasurer, within ten days after the opening of the term, will be required to pay one dollar additional.

Courses of Study.

There are three Courses of study—the Classical, the Philosophical, and the Scientific, each leading to a degree, and each extending through four years. These three differ in the Freshman and Sophomore years. In the Junior and Senior years they are substantially alike in what is required and in presenting the same electives from which to choose. The studies are divided into two classes: (1) Required, which are regarded as fundamental and essential to a liberal education. Most of the studies of

the Freshman and Sophomore years are of this class. (2) Elective, all of which are not indispensable and are, within limits, left to the student's choice. Such choice, however, should be made with the advice of the Faculty and in some cases must depend on whether a study, which should precede the elective, has been taken. These electives embrace most of the Junior and all the Senior studies. These present a wide field from which to choose and permit the accomplishment of the double purpose of meeting the college requirements and of enabling the student to follow his own aptitudes and further his preparation for his chosen profession. In another part of the catalogue will be found suggested courses for some of the professions.

In the Junior year the required and elective work must not be less than fifteen nor more than eighteen hours per week. In the Senior year the student must take fifteen hours and may not exceed eighteen.

I. The Classical Course.

Latin, Greek, Mathematics, Philosophy, the Sciences, German and English. This course leads to the degree of Bachelor of Arts.

II. The Philosophical Course.

This includes in general the same studies as the Classical, except that German is substituted for the Greek language. This course leads up to the degree of Bachelor of Philosophy.

III. The Scientific Course.

This Course eliminates both Latin (except Cæsar) and Greek as required studies, and substitutes therefor French and German, with more extended work in the sciences. This course leads to the degree of Bachelor of Science.

IV. The Partial Course.

This is a fourth course, not leading to a degree, provided for those students unable or unwilling to pursue one of the other courses. The design is to give such studies as may be of most

practical benefit to those whose time in school is brief. These special students recite to the regular college professors and at the close receive a certificate showing the work accomplished.

Optional Studies.

Optional studies are also provided for in the course, but in order that a student may take such a study he must maintain a general average of eighty. These studies are designed for the benefit of those who may wish to extend their knowledge of certain subjects taken up in the regular course.

Departments of Instruction.

A.—PHILOSOPHY AND POLITICAL SCIENCE.

I.—Mental and Moral Science.

THE PRESIDENT.

1. Psychology.

(1) REQUIRED. First term Junior year. Three hours each week. Ladd's Outlines of Descriptive Psychology. The aim is to give the student a knowledge of the laws and phenomena of the mind as well as to cultivate the power of thought.

(2) ELECTIVE. (a) Experimental Psychology or Physiological Psychology. Winter term, Junior year. Three hours weekly. Lectures, Experiments and Laboratory work. These courses are designed for those students who desire to continue the study of Psychology and the choice will vary according to circumstances.

(b) Theory of Knowledge. Spring term, Junior year. Three hours weekly. Lectures, with references to various authors and special reading.

2. Logic.

Second term, Junior year. Three hours weekly. Jevons-Hill. Effort is made to give the student not only a thorough knowledge of logic as a science but to apply the syllogism to the forms of deductive reasoning and to make a thorough test of the knowledge acquired by the use of logical examples.

3. Ethics.

Third term, Junior year. Three hours weekly. Mackenzie's Manual of Ethics is the book used, but reference is made to other works, in order that the student may be made acquainted with the leading systems of ethics and also get a clear conception of the basis of obligation and the fundamental principles of morality.

4. Christian Evidences.

First term, Junior year. Three hours weekly. Lectures. Also Fisher's Christian Evidences as text book. A complete outline of the evidence upon which the Christian system rests is attempted. The greatest care is exercised that the student be thoroughly grounded in the arguments for Theistic and Christian belief with a view to strengthening the foundations of Christian faith.

5. History of Philosophy.

(1) Fall and winter terms, Senior year. Three hours each week. Weber, with lectures and assigned readings. A survey is made of ancient philosophy from Thales to Aristotle, and of modern philosophy from Descartes to Hegel.

(2) Spring term, Senior year. Three hours weekly. Special course in advance of the preceding. Particular authors will be read and their systems discussed. Lectures.

6. Butler's Analogy or Lectures on the Relation of the Bible to Modern Thought, or on Theism.

Spring term, Senior Year. Three hours weekly

7. The Bible.

(a) The Old Testament is studied throughout the Freshman year one hour weekly. In this study primary reference is had to the history, but emphasis is also laid upon certain Bible characters and epochs and upon the spiritual power and literary beauty of the Old Testament Scriptures.

(b) The New Testament is studied throughout the Sophomore year one hour weekly. It is expected that the student will gain a full and accurate knowledge of the life of our Lord and of the history of the early Church as found in the book of Acts. Study is also made of the Epistles, taking them in their historical connection.

II.—Political and Social Science and Constitutional Law.

MR. BOYD.

1. Political Economy.

Fall and winter terms, Senior year. Three hours weekly. Walker's Political Economy, advanced course. Throughout the whole course practical economic and sociological questions are discussed. Besides the study of the historical development of the science, special attention is paid to such subjects as money, banking, taxation, labor problems and Christian socialism.

2. Constitutional Law.

Spring term, Senior year, three hours weekly. This course will consist of lectures, with reference to standard works upon the subject.

3. Sociology.

Three hours weekly, spring term, Senior year. Special course in advance of No. 1.

III.—Elementary and International Law.

MR. GOOD.

The aim of this department is to give the student a knowl-

edge of the fundamental principles of the common law and of the law which controls among the civilized nations of the world. A knowledge of these subjects is a most desirable part of a liberal education.

1. Elementary Law.

The subject will be developed for the most part by lectures. Three hours weekly, first half Senior year. References to standard text books, especially to Walker's American Law and Robinson's Elementary Law.

2. International Law.

Three hours weekly second half Senior year. Text book. Lectures.

.IV —Pedagogy.

PROFESSOR HUGGETT.

In outlining these courses in Pedagogy three purposes have been kept in mind. First, to present courses as a regular part of the collegiate work equal in interest and value to the collateral courses in other departments. It is believed that the History and Science of Education is worthy of the same intelligent study that is accorded to other subjects found in the curriculum. Second, to present a practical study of school organization and method, and of the philosophy of teaching, for such students as may intend entering the teacher's profession. Third, to prepare such students to meet the requirements of the State Board of Examiners governing the granting of State Certificates and Diplomas.

No work in Psychology is offered in this Department as both regular and elective courses are offered in the Department of Mental Sciences. See A, I, 1.

Six terms of work are offered. The courses are arranged with regard to the orderly development of the general subject, each term's work being a unit, yet closely connected with the

work of the other terms. Any one term's work may be taken irrespective of the others, though it is highly desirable that the entire course be taken in its logical order.

1. General Pedagogy.

School organization and management. A practical study of the means, methods, and purposes of school work. Among the topics to be discussed will be school organization and classification; records and reports; methods of instruction and discipline; conditions of easy control; school room heating, sanitation, and ventilation; the mutual relation of teachers and pupils, teachers and parents, teachers and officers; school incentives; moral instruction; Iowa School Laws and decisions; etc. Text book work, lectures, assigned reading, and reports. Text: Tompkins Philosophy of School Management. References: Page's Theory and Practice, Baldwin's School Management and School Methods, White's School Management, White's Pedagogy, Patrick's Pedagogics. Reference also to texts by Compayre, DeGarno, McMurray, Tompkins, etc., and to the volumes of the Appleton Company's International Library of Education, edited by Dr. W. T. Harris, and to the D. C. Heath Educational Library. Three hours per week, fall term, Junior year.

2. History of Education.

The development of educational ideals and systems. The investigation of present educational conditions and problems as outgrowths of the past. The influence of education upon civilization. The great educational reformers and their work. The objects of this study are two-fold; first, to present to the student a valuable line of historical study, second, to fit the student for the work of the teacher by making him familiar with the educational theories, methods, and systems out of which have grown our present ideals and practice.

The subjects will be presented under three heads:

1. The General History of Education. Texts: Quick's Educational Reformers, Compayre's History of Pedagogy, Painter's History of Education, Seeley's History of Education.

2. The History of Education in the United States. Text by Boone, and the publications of the U. S. Commissioner of Education.

3. The History of Education in Iowa. Lectures, assigned readings, and original research.

Three hours per week, winter term, Junior year.

3. Educational Literature and Classics.

A continuation of the work of course 2. Especial attention to the great educational writers and their works. Two of the following will be read each year: Plato's Republic, The Didactica Magna of Comenius, Pestalozzi's How Gertrude Teaches Her Children, Froebel's Education of Man, Rousseau's Emile, Spencer's Education, Selected readings from Herbart, Bacon, Horace Mann, Quick, and contemporary educational writers. Current educational publications and periodicals. A critical study of one educational classic by each member of the class with full report upon it. Three hours per week, Spring term, Junior year.

4. Psychology Applied to Education.

Psychology applied to the problems of the school. A study of the laws of mental development as directed and accomplished by educational processes. The investigation of foundation principles in the training of the faculties of the mind. References, one of which will be selected as the main text: Rozenkranz, Philosophy of Education; Palmer, Science of Education; Baldwin, Psychology Applied to the Art of Teaching; Compayre, Psychology Applied to Education; Herbart, Science of Education; Harris, The Psychologic Foundations of Education. Three hours per week, Fall term, Senior year.

5. The Philosophy of Teaching.

Application of the principles of education to the teaching process. Method in its general phases. The application of the laws of mental development in the art of instruction. The aims, means, and methods of school work. This term's work emphasizes the teaching process as the one indispensable feature of school work and seeks to make clear the universal laws of aim and method upon which successful teaching is conditioned. Texts: Tompkins' *Philosophy of Teaching* and McMurray's *General Method*. Three times per week, Winter term, Senior year.

6. Contemporary Educational Conditions.

A variable course. Purpose, to put the students into vital touch with the real world of education. Readings, topics, school visitation, lectures and discussions, personal investigation by each student of some particular problem relating to practical school work. Three hours per week, Spring term, Senior year.

B.—HISTORY.

MISS ALICE KING.

To the study of history Coe College would give the high rank it deserves. The courses here outlined are designed not alone to give acquaintance with the great events, important institutions, and prominent personages of the past, but to fit the student to take a broader view of all historic problems, and to enter with more intelligent interest and kindlier spirit into the world's life and work.

1. History of the Middle Ages.

This course immediately follows the study of Roman history, and opens with a brief survey of the last years of the Empire.

It includes the Migrations of the Gothic Tribes, the Empire of Charlemagne, the Rise of Mohammedanism, the Development of the Papacy, Monasticism, the Crusades, Feudalism, Scholasticism, the Growth of Cities, and the Renaissance. Lectures are given by the students on assigned themes, and a system of note book work is carried out. Text books, Emerton or Duruy. Begins in the Fall term Freshman year and continues throughout the year.

2. History of England.

This course extends through the Sophomore year. The first term covers the period previous to the reigns of the Tudor Sovereigns; the second term, from the accession of the Tudors to the Victorian Era. The third term brings England's history to the present time, with review of her colonial empire. Oman's English History is the text book. Some of Shakespeare's historic dramas are read and reference is made to Green, Gardiner, Froude, and other historians.

3. History of France.

This course is offered in the Junior year. The first term follows the course of French History to the time of the Revolution. The second term is given to the study of the Revolutionary and Napoleonic Eras. The third term considers France since the downfall of Napoleon, and also gives a summarized and general survey of present political conditions throughout Europe. Adams, Duruy, Rose, and Fyffe are the text books. Constant reference to other authorities, and lectures on characters and epochs.

4. History of Civilization.

This course uses Guizot's "History of Civilization," and investigates the influences, social, political, and religious, that have culminated in the civilization of modern Europe.

5. Philosophy of History.

This course considers the philosophic method as applied to

historic study; gives a review of oriental and classical history illustrative of that method; discusses historical events as factors in the ethical development of man, and traces the government of God in the world's history. It is based on Hegel's "Philosophy of the State and of History."

6. American History.

This is a brief survey of our nation's history, with especial reference to its political and social development, and to the present conditions of our national life. Students are expected to make special study of the political influence of one American statesman. Johnston is the author followed. Bryce's "American Commonwealth," and Wilson's "The State" are used for reference.

7. Constitutional History of England.

This course shows the growth of English institutions, and their connection with those of America, and teaches the forms and operations of the present government of England.

8. Modern Asiatic History.

This course considers political questions of the present time, as touching the countries of India, Japan, and China, giving their history since the XVII. century, their religions and governments, and relations with the powers of Europe.

Courses 4, 5, 6, 7, and 8 are elective in Senior year.

C.—LANGUAGE AND LITERATURE.

I—The Greek Language.

PROFESSOR CONDIT.

The aim of the study of the Greek is, in the first place, to make thorough Greek scholars, and then to lead the student to

an appreciation of the literary value and the æsthetic culture of Greek literature. This literature is today a living power.

Selections are read during the course from Xenophon, Herodotus, Homer, Pindar, Lysias, Æschylus, Plato, Aristophanes, Demosthenes, Thucydides, Greek Testament.

1. Xenophon: Hellenica, I-II.

Text book, Blake. Four periods weekly. Greek Grammar and prose composition; Greek history of this period. Freshman required; first term.

2. Herodotus.

Selections; sight reading. Text book, Keep. Four periods weekly. History; the Greek and Persian wars. Freshman required, second term.

3. Homer, The Odyssey, Books 1, 2, 3.

Text book, Perrin and Seymour. Four periods weekly. A study is made of the religion and social customs of those times, and of the Homeric characters as found in Gladstone's Primer and Jebb's Homer. Freshman Required, third term.

4. Memorabilia of Xenophon.

Selections; sight reading. Text book, Winan's. Three periods weekly. The life, character and teachings of Socrates are considered in the reading of this work. Sophomore required; first term.

5. Lysias Orations.

Development of Greek Oratory. Three periods weekly. Greek Testament, the Gospel of John. Text book, Westcott and Hort. Sophomore required; second term.

6. Odes of Pindar.

Text book, Gildersleeve. Three periods weekly. A survey

is taken of Lyric poetry. Greek Testament. Sophomore required. Third term.

7. Prometheus Vincit, Aeschylus.

Text book, Mather. Three periods weekly. Elective in Junior year.

Or, The Antigone of Sophocles.

Text book, D'Ooge. Three periods weekly. At this time the study of Greek tragedy is entered upon as found in Dr. Munk's work, translated by Verall. Elective in Junior year.

8. Apology, Crito and a part of Phaedo.

Text book, Kitchel. Three periods a week. In the study of this work there is an endeavor to bring out the high culture of the Greeks in Literature and Philosophy. Elective in Junior year.

9. Aristophanes.

Text book, Merry. Three periods a week. The history of Greek comedy is taken up in connection with this author. Elective in Junior year.

10. Demosthenes, De Corona.

Text book, Tyler. Three periods a week. In considering the orators and oratory of Greece, Bredif's Demosthenes is used as a text book. Elective in Senior year.

11. Thucydides, Book I or VI.

Text book, Morris. Three periods a week. Elective in Senior year.

12. Greek Testament.

The epistles of the Apostle Paul. Text book, Westcott and Hort. Three periods a week. History of the canon and manuscripts of the New Testament. Elective in Senior year. Stu-

dents in the Philosophical and Scientific courses can elect Greek in the Junior and Senior years.

13. **Ancient Literature, Oriental and Classical.**

(1) This will include a study of the Hindoo, Persian, Chinese, Chaldean, Assyrian, and Egyptian Literatures. Special attention will be given to Sanscrit Literature and its riches in epic, lyric and dramatic poetry. Elective first term of Senior year. Two periods weekly.

(2) In the second term there will be a consideration of the later discoveries in Babylonia and Egypt as they have reference to the life and literature of those nations. Also a study of the monuments of Rome and Athens and of Roman and Grecian architecture. Elective, second term Senior year. Two periods weekly.

II.—Latin Language and Literature.

PROFESSOR BRYANT.

The aim in this department is to give the student a clear conception of the genius of the Latin Language, a creditable knowledge of the characteristics of Latin Literature and of the essential facts of Roman History; also a thorough understanding of the conditions prevailing in the home and civic life of the Roman people. In connection with a close study of the authors, a great deal of time is given to forms, idioms and unusual constructions; to sight reading and to Latin Prose Composition.

A thorough knowledge of the ordinary forms and constructions of Latin Grammar is insisted upon as a prerequisite to the Latin Composition work required one hour weekly throughout the Freshman year.

The authors read are Cicero, Livy, Horace, Tacitus, Juvenal, Pliny, Plautus, Terence, Quintilian.

1. **Cicero, Cato Major De Senectute.**

Text book, Rockwood or Kelsey. Four hours weekly. Latin Composition one hour each week. Fall term of Freshman year.

2. **Livy, Books XXI and XXII.**

Text book, Lord or Westcott. Four hours weekly. Careful investigation and occasional theses bearing upon Roman naval and military affairs at various periods of Roman History, required. Latin Composition continued. Winter and spring terms of Freshman year.

3. **Odes and Epodes of Horace.**

Text book, MacLeane or Storey. Three hours weekly. Careful and minute study of style, diction and construction will alternate with rapid sight reading. Frequent written translations of assigned odes will be required. The golden age of Latin Literature and its relation to all Latin Literature will be critically studied. Fall term of Sophomore year.

4. **Satires, Epistles and Ars Poetica of Horace.**

Text book, MacLeane or Greenough. Three hours weekly; Sight reading; Roman mythology; an investigation of the home and civic life of the Romans in the time of Horace. Winter term of Sophomore year.

5. **Tacitus. Germania and Agricola.**

Text book, Allen or Hopkins. Three hours weekly. Sight reading; Roman Architecture (Smith). Spring term of Sophomore year.

6. **Juvenal's Satires.**

Text book, Lindsay. Three periods weekly. History of

Roman Satire; sight reading. Elective in Junior year.

7. **Cicero, Tusculan Disputations.**

Text book, Kellogg. Three periods weekly. Elective in Junior year.

8. **Selections from the Letters of the Younger Pliny.**

Text book, Westcott. Three periods weekly. Elective in Junior year.

9. **Plautus, Selected Plays.**

Text book, Ramsay. Three periods weekly.

Or, **Terence, Andria, and Heuton Timorumenos.**

Text book, West. Development of Latin comedy. Elective in Senior year.

10. **Quintilian De Institutione. Oratoria Libri XII.**

Text book, Frieze. Three periods weekly. Study of Roman Oratory. Roman deliberative assemblies. Elective in Senior year.

11. **Cicero, De Natura Deorum.**

Text book, Stickney. Three periods weekly. Elective in Senior year.

III.—French Language and Literature.

MISS M. LEEB and ———

French is taught with a view to the best practical results. The object of learning a living language, is not only to be able to speak and write it, if possible, but also to be able to obtain the literature, the science, and the discussions of living questions of the day in that language. The knowledge of a modern, like that of an ancient language is obtained only through severe

study. The grammar is absolutely essential to the true appreciation of any language; therefore the grammatical construction is kept constantly before the student. The best French authors are read to familiarize the pupils with the diction as well as with the thought that makes this tongue worthy of our study.

French is required as a preparatory study only in the Scientific course. Students wishing to take this course who come from schools in which French is not taught, will be admitted into the Freshman class and will take the study with the preparatory class.

French is a required study in the Freshman and Sophomore years in the Scientific course.

In the Junior and Senior years French is offered as an elective.

Composition, Reading and Conversation continued through the entire course.

1. Reading, Composition and Conversation.

Freshman, Fall and Winter terms, three hours.

Scenes de la Revolution Francaise.—Lamartine.

2. La Main Malheureuse.—Guerber.

Spring term, Freshman; two hours.

3. Le Conscrit.—Erckmann—Chatrion.

First term, Sophomore; three hours.

4. Les Miserables.—Victor Hugo.

Winter and Spring term, Sophomore; three hours.

5. Napoleon.—Fortier.

Fall term, Junior; three hours.

6. Histoire de Charles XII.—Voltaire.

Winter and Spring term, Junior; three hours.

7. *Tartarin de Tarascon*.—Daudet.

Fall term, Senior; three hours.

8. *Sept Grands Auteurs du Dix-neuvieme Siecle*.—Fortier.

Winter term, Senior; three hours.

9. *Pêcheurs d'Islande*.—Loti.

Three hours, Spring term; Senior.

10. *Grammar, Reading, Conversation*.

Sophomore Alternative Mathematics. Fall term, three hours weekly. Grammar, Chardenal's Complete French Course.

11. *Douze Contes Nouveaux*.—Fontaine.

Sophomore alternative of Mathematics. Winter term, three hours weekly.

12. *Le Duc de Beauford*.—Dumas.

Sophomore alternative of Mathematics. Spring term, three hours weekly.

IV. —German Language and Literature.

MISS M. LEEB.

In the study of German the same practical object is kept in view as in the study of French.

In the Philosophical and Scientific courses a two years' study of German is required as a condition of admission to the Freshman class. Where the student comes from a school which does not provide it, he will in these courses be conditioned in German. The required work in the college continues through the Freshman year, three periods a week, and Sophomore year, four periods a week. In the Junior and Senior years German is elective.

Composition and conversation continue through the whole course.

1. **Composition and Reading. Sigwalt und Sigridh.—Dahn.**

Fall term, Freshman; four hours.

2. **Iphigenie.—Goethe.**

Winter term, Freshman; four hours.

3. **Hermann and Dorothea.—Goethe.**

Spring term, Freshman; four hours.

4. **Ekkehard.—Scheffel.**

Fall term, Sophomore; four hours.

5. **Die Nibelungen.—Vilmar.**

Winter and Spring, Sophomore; four hours.

6. **Die Waldheimat.—Rosegger.**

Fall and winter term, Junior; three hours, elective.

7. **Maria Stuart.—Schiller.**

Spring term, Junior; three hours, elective.

8. **Sintram u. s. Gefahrten.—Fouque.**

Fall term, Senior; three hours, elective.

9. **Sintram u. s. Gefahrten.—Fouque. Continued.**

Winter term, Senior; three hours, elective.

10. **Das Lied von der Glocke and Ballads.—Schiller.**

Spring term, Senior; three hours, elective.

11. **Grammar.**

Collar's, Eysenbach German Reader, Van Daell. Junior Classical; fall term, three hours.

12. **Immensee.—Theodore Storm.**

Junior Classical; winter term, three hours.

13. Wilhelm Tell.—Schiller.

Junior Classical; spring term, three hours.

V.—English Language and English Literature.

PROFESSOR GIST.

It is the aim of this department to train the student to speak and write the English language with clearness, force, and elegance, to make him familiar with the history and development of the language, and to cultivate in him a taste for the best literature by a critical and sympathetic study of the great masters of style. The course of study and the practical work required lay the foundation for a broad literary culture. The thorough mastery of the English language is deemed so essential to a liberal education that regular rhetorical work is required of every student throughout the entire course and all the instructors insist upon correct English in all departments.

1. Rhetoric.

The student must have a thorough knowledge of English grammar, composition, and the fundamental principles of rhetoric, must have power to express himself with considerable facility in written discourse, and must have some familiarity with English classics in order to do the Freshman English with satisfaction. During the Freshman year three hours a week are given to the systematic study of rhetoric. Practical work is required in Descriptive and Narrative writing, in Argumentation, and in Oratory, and illustrative selections are studied. The collateral reading required in this year prepares the student for subsequent work in literature.

2. English Literature.

This course begins in the Sophomore year. Its aim is to

lay a broad foundation for the study of English literature by arousing a taste for literary work and preparing for future research and practice. The course includes the history of the English language and the development of English literature and shows how truly the life of a people is revealed in its literature. Lectures are given on Chaucer and other representative writers of the early period with readings from their works. Later writers that reveal the true spirit of the early times are critically studied.

3. Elizabethan Age.

It is the aim of this course to study the causes that made the era possible, to comprehend the social and political life of the people in the sixteenth century, and to note the development of the drama. Special stress is laid upon the study of Shakespeare's plays and those of other dramatists. Critical papers on themes relating to the period are required.

4. Seventeenth Century.

In this course the great Puritan movement is given so far as it touched the life and literature of the people. The later plays of Shakespeare are read, Milton and other writers who gave character to the period are critically studied together with more recent literature that treats of the literary life of the age.

5. Age of Anne.

This course includes a study of the leading writers of the period with special reference to the development of the critical essay as a type.

6. Nineteenth Century Literature.

While the student has gained some familiarity with recent writers by the required collateral reading, the aim of this course is to study the writers of this century with more care and to note the literary forces that have been so powerful in these later years.

7. Literary Criticism.

In this course the principles of Literary Criticism are studied

with constant application to the interpretation of masterpieces.

8. History of the English Language.

This course aims to give advanced students a thorough knowledge of the History of the English Language.

9. American Classics.

This course aims to present the historical development of American Literature and to make a systematic study of the leading writers.

10. The Development of the English Novel.

This course aims to present the development of the novel, to note its true place in the literature of a people, and to show its power as an agent of reform.

11. Continental Literature.

This course presents the great works of continental literature in a series of lectures with selected readings. The subjects vary with different years.

The second and third courses are given in the Sophomore year; the fourth, fifth, and sixth courses in the Junior year. The other courses are elective in the Senior year. Pancoast's and other standard manuals are used for reference and outline, but the work consists largely in a careful and critical study of the literature of the period.

VI.—The Hebrew Language and Literature and Church History.

DR. BURKHALTER and DR. STERLING.

1. Hebrew.

Students intending to study for the Christian ministry may elect Hebrew, three periods a week during the Senior year. It is exceedingly important that this amount of preparation be

made before entering the Seminary. Rev. E. R. Burkhalter, D. D., pastor of the First Presbyterian church, will have charge of this work. During the year 1899-1900 Dr. Charles G. Sterling, formerly Professor of Hebrew in the Theological Seminary at Omaha, and more recently in the University of Wisconsin, shared this work with Dr. Burkhalter.

2. Church History.

This subject will be taught by Dr. Burkhalter by means of lectures. Reference will be made to standard works on the subject.

D.—MATHEMATICS AND SCIENCE.

I.—Mathematics.

PROFESSOR ASH.

STATEMENT.

In the teaching of this branch, every effort is made to train the student to think for himself. A blind following of the text book is discouraged. The work required is designed to thoroughly ground the student in the fundamentals of the subject and thus prepare him for advanced study.

Since only a very limited time in the Freshman year can be devoted to the review of quadratic equations and the more elementary principles, students who contemplate entering the Freshman class are urged to familiarize themselves thoroughly with factoring, the theory of exponents, radicals and all the fundamental algebraic operations.

Besides the required work, elective courses are offered for those who desire them and are prepared to take them, provided a sufficient number take the work to justify the forming of a class. Following are the courses offered:

1. Algebra.

This subject is studied during the fall and winter terms, Freshman year. Quadratics are hurriedly reviewed and then special attention is given to the following: Ratio and proportion, progressions, binomial theorem, undetermined coefficients, series, logarithms, permutations and combinations, probability, theory of equations and solution of higher equations. Four and five hours per week. Text book, Wells' College Algebra.

2. Trigonometry and Surveying.

(a) Plane Trigonometry is given in the spring term, Freshman year. Trigonometric functions are given special attention and then the principles are applied to the solution of numerous problems which are practical in nature, involving right and oblique triangles. Some time will be given to trigonometric series and the method of constructing tables.

(b) In the fall term, Sophomore year, Spherical Trigonometry and Surveying will be studied. Discussion of formulae and the solution of numerous problems showing its application to astronomy will receive special attention. In the Surveying it is hoped that quite a good deal of field work may be accomplished. The department is supplied with transit, chains, etc., by which data may be obtained in the field and then plotted and estimated. Three hours weekly. Text books, Wentworth's Trigonometry and Carhart's Surveying.

3. Analytical Geometry.

Winter and spring terms, Sophomore year. The Cartesian and Polar systems of coordinates, transformation of coordinates, the straight line, the circle, the parabola, the ellipse and the hyperbola will be studied. The general equation of the second degree and some of the more important higher plane curves will be taken up. Three hours weekly. Text book, Nichols.

4. Calculus.

Calculus will be studied throughout the Junior year. Those

students may take it who have completed courses 1, 2 and 3. Thorough drill will be given in the differentiation of algebraic and transcendental functions after which the various methods of integration will be discussed. The power and usefulness of this important branch will be illustrated by numerous problems. Three hours weekly. Text books, Taylor and Osborne.

5. **Astronomy.**

Three hours weekly, Senior year; fall term. Text book. Young. A study is made of astronomical coordinates. Planets are studied in detail; motions, physical properties, etc., comets and meteoric bodies, eclipses; application of astronomy to navigation.

6. **Mechanics.**

Elements of Mechanics, Wright. Three hours weekly, winter and spring terms; Senior year. The course covers kinematics, statics, work, energy, dynamics, etc.

7. **Theory of Equations.**

A course in this subject is offered. It will consist of lectures, with Burnside and Panton's Book as reference.

II.—Physical Science.

PROFESSOR BATES.

Chemistry.

Three years' work is offered in Chemistry.

The first year's work consists of a study of General Chemistry and Qualitative Analysis. It is required in the Sophomore year of all courses.

The second year is given to the principles and methods of Quantitative Analysis, and is designed to give a thorough train-

ing in the best analytical processes. This course is elective and is open only to those who have taken the first year's work or its equivalent.

The third year is given to Organic Chemistry, and is designed not only to give a general idea of the scope and structure of organic compounds, but also to meet the wants of those who wish to prepare for medicine or pharmacy.

This course is elective. It must be preceded by the first year's work, but may or may not be preceded by the second year's work.

The following is a brief synopsis of the work:

(a) General Chemistry and Qualitative Analysis.

i. General Chemistry.

The work in General Chemistry consists of lectures and recitations, and laboratory work, giving special attention to the non-metals. The elements are studied with reference to their history, occurrence, properties, and principal compounds. Problems are introduced to verify the molecular theory, and to illustrate the effects of heat and pressure on gases.

Two hours per week for lecture and recitations. Three hours per week for laboratory work. Text books, Remsen or Storer and Lindsay. Fall term.

ii. Qualitative Analysis.

Attention is given to the theory of valence, chemical equations, principles of grouping, separating, and identifying the common metals.

One hour per week for recitations. Four hours per week for laboratory work. Text book, Bates' Introduction to Qualitative Analysis. Winter term.

iii. Qualitative Analysis.

Attention is given to the principles of grouping, separating

and identifying metals and acids, and to the chemical reactions involved.

Each student analyzes at least thirty unknowns. Each unknown has from one to seven compounds.

One hour per week for recitations. Four hours per week for laboratory work. Spring term.

Text books, Bates' Introduction to Qualitative Analysis. Prescott & Johnson's Qualitative Analysis.

(b) Quantitative Analysis.

i. Laboratory work in gravimetric and volumetric determinations. Sanitary and technical analysis of water.

Six hours per week for laboratory work; one hour per week for lectures and recitations. Fall term, Junior year.

Text book, Cheever's Quantitative Analysis.

ii. Laboratory work in the analysis of clays, limestones, fertilizers, Kjeldahl method of estimating nitrogen, etc.

Six hours per week for laboratory work; one hour per week for lectures and recitations. Winter term, Junior year.

Text books, Cheever's Quantitative Analysis, Sutton's Volumetric Analysis, Crooke's Select Methods, etc.

iii. Laboratory work in gas analysis, the preparation of pure inorganic compounds. Theoretical chemistry, collateral reading, history of chemistry, etc.

Six hours per week for laboratory work; one hour per week for lectures and recitations. Spring term, Junior Year.

Text books, Sutton's Volumetric Analysis, Venable's History of Chemistry, etc.

(c) Organic Chemistry.

i. Lectures and recitations in the paraffin series, Laboratory work in the preparation of organic compounds and their derivatives, special attention being given to the preparation and purification of the more ordinary compounds such as chloroform, iodoform, ether, etc.

Two hours per week for recitations; four hours per week for laboratory work. Fall term, Senior year.

Text book, Remsen or Bernthsen.

ii. Laboratory work in the preparation of organic compounds. Lectures and recitations in the paraffin and benzene series; collateral reading. Winter term, Senior year.

Text book, Remsen or Bernthsen.

iii. Lectures and recitations in the benzene series. Preparation organic compounds. Thesis.

Two hours per week for lectures and recitations; four hours per week for laboratory work. Spring term, Senior year.

Text book, Remsen or Bernthsen.

2. **Physics.**

This work is taken by the Juniors in all courses. The time spent is two hours per week for lectures and recitations, and three hours per week for laboratory work throughout the year.

As far as possible each subject is illustrated by experiment. For this purpose there is in use a large stereopticon with lime light, air pumps, apparatus for sensitive flame, manometric flame, chemical balances, micrometers, calorimeters, spherometers, voltmeter, ammeters, wheatstone bridge, etc.

(a) **Mechanics and Sound.**

Attention is given to the general principles of Mechanics, including the universal and characteristic properties of matter, fundamental units, dimensional equations, simple harmonic motion, Newton's "Laws of Motion," work and energy, properties of solids, liquids and gases.

In the subject of Sound special attention is given to the theory of sound, wave motion, transmission of sound in different media, harmony and music.

Text books, Ames' Theory of Physics, Gage's Principles of Physics, Olmstead's College Philosophy. Fall term.

(b) Electricity and Magnetism.

Attention is given to the history of the development of the science of Electricity and its breadth of application in the arts and sciences.

Emphasis is placed upon the study of the lines of force and their relation to the electric current. Students in this department are especially favored in Cedar Rapids on account of the various electrical machinery in the city subject to their inspection.

Text books, Sylvanus P. Thompson's works on electricity; Ames' Theory of Physics. Winter term.

(c) Heat and Light.

Emphasis is placed upon laboratory work in these subjects in order that the student may better appreciate the underlying principles. The work consists in finding the linear coefficient of expansion of two or three of the common metals, the latent heat and steam, the specific heat of two or three of the common metals, the relative humidity of the air, etc.

In Light, attention is given to mirrors, photometers, the structure and use of the spectroscope, microscope and telescope, etc. Some work is done in determining the relative indices of refraction, and determining the wave lengths of light, etc.

Text books, Ames' Theory of Physics, Gage's Principles of Physics, Glazebrook's work on heat. Spring term.

III.—Natural Science

PROFESSOR STOOKEY.

1. Biology.

The object of the course in Biology is to develop the principles of the science through the study of types of animal and plant forms; to teach the principles of classification through the system-

atic study of groups of plants and animals; to deal with some of the problems suggested by the subject; to train the students to habits of close observation, the hand to technical skill, the mind to a love of exact truth, and to the habit of concise and accurate description. The method of study is by laboratory work, lectures and assigned readings.

(a) Zoology.

i. Morphology and Physiology of Invertebrates.

Selected types studied by aid of microscope and dissections. Laboratory work, lectures and recitations. Three hours per week, fall term, Junior years.

ii. Vertebrates.

This is a course on the Morphology and Physiology of the Back-boned Animals. Amphioxus, the fish, the frog, the turtle, the pigeon and the cat or rat will be dissected and studied. Three hours per week during the winter and spring terms, Junior year.

iii. Systematic Zoology.

This course is offered to Junior students who desire to give more than three hours per week to Biology. Certain groups of animals, as insects, fishes and birds, are studied systematically. Three hours per week, throughout the year.

iv. Embryology.

Development of the chick. Foster and Balfour's text. Laboratory work and recitations. Three hours per week, fall term, Senior year.

v. Histology and Physiology.

Histological methods. Hardening, staining, imbedding, sectioning, etc. Study of preparations. These related subjects are studied together, Sterling's Histology and Martin's "The Human Body" being followed. Three hours per week, winter and spring terms, Senior year.

vi. Mammalian Anatomy.

Osteology, comparative and human. Myology of the cat. The nervous system. Three hours per week throughout the Senior year. Wilder and Gage, Jayne, texts.

(b) Botany.

i. Plant Morphology and Physiology.

The course contemplates the study, from the standpoint of Morphology and Physiology, of a series of typical plants. A growing library of reference books bearing on the subject is connected with the department. Laboratory work, lectures and reading. Fall and winter terms, three hours per week, Freshman year.

ii. Systematic Botany.

Special groups of plants are studied with reference to their classification. The Algae, Fungi, Bryophyta, Pteridophyta and Phaenogams are groups which may be selected from according to circumstances. Three hours per week, spring term, Freshman.

2. Geology.

i. Dynamic and Structural Geology.

Instruction in this subject is given by recitation, lectures, laboratory and field work. Le Conte's Elements of Geology is used as a text. The region about Cedar Rapids presents advantages for the study of many geological problems, and a portion of the required work will be done in the field. Three hours per week; fall and winter terms, Senior year.

ii. Paleontology.

This course will include systematic paleontology, and historic geology, and presupposes Course i. The history and character of Organisms and of the geological formations which they characterize are treated. Laboratory and field work with lectures. Three hours per week, spring term, Senior year.

E.—DEPARTMENT OF EXPRESSION.

MRS. MARIAN H. KILBOURNE.

This department of work aims to cultivate harmoniously the body, voice and mind, and to give the student systematic training in the principles of expression.

The first half of the first year's work will consist of breathing, voice, physical and responsive exercises and rendering. Last half will include beside these, story telling, rendering once a month entire selections and gesture.

The second year. First term, technical drill, alternating with the study of noted orations. Second term, Julius Cæsar. Third term, discussion of living questions, personations and annual test.

Third year. First term, "The Merchant of Venice." Second term, interpretative readings from the poets. Third term, exercises in extempore speaking, based on studies in American history and institutions.

Work in Expression is required of all students pursuing a regular course, one hour per week through six terms. Under the direction of the Classification Committee, the student may determine when, in the course, this work shall be taken.

F.—DEPARTMENT OF ART.

MISS ALICE L. BURTON.

This department is under the direction of Alice Louise Burton, a graduate of the Cornell Department of Art under Chas. A. Cumming, and afterward a student of the Academy of Design, New York City, and the Art Institute, Chicago, Ill. Miss Burton gives instruction in Art and in Drawing, as follows:

1. **Free-hand Drawing.**

This work includes drawing from objects and casts; sketch-

ing from life and nature; and drawing from memory. Mediums used are charcoal, pencil, pen and ink, and water-colors. Designing, clay modeling, and painting in water-colors are optional.

Free-hand drawing has a distinct value in the training of the perceptive faculties, as well as in the development of the aesthetic feeling. Drawing from memory is especially encouraged for the purpose of increasing the power of observation, and clearness of mental conception.

It is the aim of this course to give some advantages of the artistic education which are of practical value to all. Three hours per week throughout the year. Students taking this work will pay an additional tuition of \$5.00 for the fall term and \$4.00 for each of the other terms.

2. Mechanical Drawing.

This course includes Geometrical Constructions, Projection, Stereotomy, Shades and Shadows, and Scientific Perspective. Three hours per week throughout the year.

Students taking this work pay tuition, in addition to the regular tuition, of \$5.00 for fall term and \$4.00 for each of the other terms.

NOTE.—Students taking Free-hand and Mechanical Drawing will be graded upon their work as in the regular subjects of study. Where the work done in this department justifies it, it will be accepted as an equivalent to an elective.

3. Art.

This course includes the following:

(a) The work of the Free-hand Drawing Department, with additional practice in the study of values.

(b) The study of still-life and flowers in oil, water-colors or pastels.

(c) The painting of the head and figure from life.

Fifteen hours per week. Tuition, fall term \$17.00, winter and spring terms \$15.00.

Synopsis of Courses.

NOTE.—The figures and letters immediately following the Study, refer to the Courses of Study as set forth on pages 21-54. The second column of figures indicates the hours per week; all electives occupy three hours weekly. In the Senior year fifteen hours weekly are required. In this year all studies are elective.

FRESHMAN.			
CLASSICAL.		PHILOSOPHICAL.	
FALL TERM		FALL TERM	
O. T. History A I 7 a	1	O. T. History A I 7 a	1
Greek C I 1	4	German C IV 1	4
Latin C II 1	4	Latin C II 1	4
Rhetoric C V 1	2	Rhetoric C V 1	2
Algebra D I 1	4	Algebra D I 1	4
History B 1	2	History B 1	2
Biology D III 1 b i Optional		Biology D III 1 b i Optional	
WINTER		WINTER	
O. T. History A I 7 a	1	O. T. History A I 7 a	1
Greek C I 2	4	German C IV 2	4
Latin C II 2	4	Latin C II 2	4
Rhetoric C V 1	2	Rhetoric C V 1	2
Algebra D I 1	4	Algebra D I 1	4
History B 1	2	History B 1	2
Biology D III 1 b i Optional		Biology D III 1 b i Optional	
SPRING		SPRING	
O. T. History A I 7 a	1	O. T. History A I 7 a	1
Greek C I 3	4	German C IV 3	4
Latin C II 2	4	Latin C II 2	4
Rhetoric C V 1	2	Rhetoric C V 1	2
Plane Trigonometry D I 2 a	4	Plane Trigonometry D I 2 a	4
Biology D III 1 b ii Optional		History B 1	2
History B 1	2	Biology D III 1 b ii Optional	
SCIENTIFIC.			
		FALL TERM	
		O. T. History A I 7 a	1
		German C IV 1	4
		French C III 1	3
		Rhetoric C V 1	2
		Algebra D I 1	4
		Biology D III 1 b i	3
		History B 1 Optional	2
		WINTER	
		O. T. History A I 7 a	1
		German C IV 2	4
		French C III 1	3
		Rhetoric C V 1	2
		Algebra D I 1	4
		Biology D III 1 b i	3
		History B 1 Optional	2
		SPRING	
		O. T. History A I 7 a	1
		German C IV 3	4
		French C III 2	3
		Rhetoric C V 1	2
		Plane Trigonometry D I 2 a	4
		History B 1	2
		Biology D III 1 b ii Optional	

One hour per week in both Elocution and Rhetorical work in all three courses throughout the year. [See page 53.]

Synopsis of Courses. Continued.

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COR. COLLEGE

CLASSICAL.		PHILOSOPHICAL.		SCIENTIFIC.	
FALL TERM.		FALL TERM.		FALL TERM.	
1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b
3 Greek C I 4	3 German C I V 4	3 German C I V 4	3 German C I V 4	3 German C I V 4	3 German C I V 4
3 Latin C I I 3	3 Latin C I I 3	3 Latin C I I 3	3 Latin C I I 3	3 French C I I I 3	3 French C I I I 3
2 English Literature C V 2	2 English Literature C V 2	2 English Literature C V 2	2 English Literature C V 2	2 English Literature C V 2	2 English Literature C V 2
2 History B 2	2 History B 2	2 History B 2	2 History B 2	2 History B 2	2 History B 2
3 Chemistry D I I a i	3 Chemistry D I I a i	3 Chemistry D I I a i	3 Chemistry D I I a i	3 Chemistry D I I a i	3 Chemistry D I I a i
3 Trig. and Surveying D I 2 b }	3 Trig. and Surveying D I 2 b }	3 Trig. and Surveying D I 2 b }	3 Trig. and Surveying D I 2 b }	3 Trigonometry and Surveying D I 2 b }	3 Trigonometry and Surveying D I 2 b }
3 Or French C I I I 10	3 Or French C I I I 10	3 Or French C I I I 10	3 Or French C I I I 10		
WINTER.		WINTER.		WINTER.	
1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b
4 Greek C I 5	4 German C I V 5	4 German C I V 5	4 German C I V 5	4 German C I V 5	4 German C I V 5
3 Latin C I I 4	3 Latin C I I 4	3 Latin C I I 4	3 Latin C I I 4	3 French C I I I 4	3 French C I I I 4
3 English Literature C V 2	3 English Literature C V 2	3 English Literature C V 2	3 English Literature C V 2	3 English Literature C V 2	3 English Literature C V 2
2 History B 2	2 History B 2	2 History B 2	2 History B 2	2 History B 2	2 History B 2
3 Chemistry D I I a ii	3 Chemistry D I I a ii	3 Chemistry D I I a ii	3 Chemistry D I I a ii	3 Chemistry D I I a ii	3 Chemistry D I I a ii
3 Analytics D I 3 }	3 Analytics D I 3 }	3 Analytics D I 3 }	3 Analytics D I 3 }	3 Analytics D I 3	3 Analytics D I 3
3 Or French C I I I 11	3 Or French C I I I 11	3 Or French C I I I 11	3 Or French C I I I 11		
SPRING.		SPRING.		SPRING.	
1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b	1 N. T. History A I 7 b
3 Greek C I 6	3 German C I V 5	3 German C I V 5	3 German C I V 5	3 German C I V 5	3 German C I V 5
3 Latin C I I 5	3 Latin C I I 4	3 Latin C I I 4	3 Latin C I I 4	3 French C I I I 4	3 French C I I I 4
2 English Literature C V 3	2 English Literature C V 3	2 English Literature C V 3	2 English Literature C V 3	2 English Literature C V 3	2 English Literature C V 3
2 History B 2	2 History B 2	2 History B 2	2 History B 2	2 History B 2	2 History B 2
3 Chemistry D I I a iii	3 Chemistry D I I a iii	3 Chemistry D I I a iii	3 Chemistry D I I a iii	3 Chemistry D I I a iii	3 Chemistry D I I a iii
3 Analytics D I 3 }	3 Analytics D I 3 }	3 Analytics D I 3 }	3 Analytics D I 3 }	3 Analytics D I 3	3 Analytics D I 3
3 Or French C I I I 1 }	3 Or French C I I I 1 }	3 Or French C I I I 1 }	3 Or French C I I I 1 }		

(One hour per week in both Elocution and Rhetorical work in all three courses throughout the year.) [See page 53.]

Synopsis of Courses. Continued.

JUNIOR.			
CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.	
FALL TERM.	FALL TERM.	FALL TERM.	
Christian Evidences A I 4 Psychology A I 1 Biology D III 1 a i Physics D II 2 a Electives Two required English Literature C V 4 German C IV 11 Greek C I 7 Latin C II 6 French C III 5 Biology D III 1 a iii History B 3 Calculus D I 4 Chemistry D II 1 b i Pedagogy A IV 1	Required subjects same as Classical. Electives, Two required. German C IV 6	Required subjects same as Classical except Biology is required. Biology D III 1 a ii Electives One required. German C IV 6	
WINTER.	WINTER.	WINTER.	
Logic A I 2 English Literature C V Physics D II 2 b Electives Two required Greek C I 8 Latin C II 7 German C IV 12 French C III 6 Biology D III 1 a ii	Required Subjects same as Classical. Electives Two required German C IV 6	Required subjects same as Classical except Biology is required. Biology D III 1 a ii Electives One required. German C IV 6.	

One hour per week in both Elocution and Rhetorical work in all three courses throughout the year. [See page 53.]

Synopsis of Courses. Continued.

JUNIOR.—Continued.			
CLASSICAL.	PHILOSOPHICAL.	SCIENTIFIC.	
WINTER TERM.	WINTER TERM.	WINTER TERM.	
History B ₃ Calculus D I ₄ Chemistry D II ₁ b ii Psychology A I ₂ a Pedagogy A IV ₂ Biology D III ₁ a iii	Required subjects same as Classical. Electives Two required German C IV ₆	Required subjects same as Classical except Biology is required. Biology D III ₁ a ii Electives One required. German C IV ₆	3
SPRING.	SPRING.	SPRING.	
Literature of XIX. Century C V ₆ Ethics A I ₃ Physics D II ₂ c Electives Two required German C IV ₁₃ Greek C I ₉ Latin C II ₈ French C III ₆ Biology D III ₁ a ii History B ₃ Calculus D I ₄ Chemistry D II ₁ b iii Psychology A I ₂ b Pedagogy A IV ₃ Biology D III ₁ a iii	Required subjects same as Classical. Electives Two required German C IV ₇	Required subjects same as Classical except Biology is required. Biology D III ₁ a ii Electives One required German C IV ₇	3

One hour per week in both Elocution and Rhetorical work in all three courses throughout the year. [See page 53.]

Synopsis of Courses. Concluded.

SENIOR.		
ALL COURSES.	ALL COURSES.	ALL COURSES.
FALL TERM.	WINTER TERM.	SPRING TERM.
<p>History of Philosophy A I 5 [1] Political Economy A II 1 Literary Criticism C V 7 Geology D III 2 i Greek C I 10 Latin C II 9 French C III 7 German C IV 8 Ancient Literature C I 13 [1] History of Civilization B 4 Continental Literature C V 11 Astronomy D I 5 Chemistry D II 1 c i Mammalian Anatomy D III 1 a vi Embryology D III 1 a iv Hebrew C VI 1 Elementary Law A III 1 Pedagogy A IV 4 American History B 6</p>	<p>History of Philosophy A I 5 Political Economy A II 1 Continental Literature C V 11 Geology D III 2 i Greek C I 11 Latin C II 10 French C III 8 American Classics C V 9 Mammalian Anatomy D III 1 a vi German C IV 9 Ancient Literature C I 13 [2] Philosophy of History B 5 Chemistry D II 1 c ii Hebrew C VI 1 History and Physiology D III 1 a v Mechanics D I 6 Theory of Equations D I 7 Church History C VI 2 History of English Language C V 8 Pedagogy A IV 5 Constitutional History of England B 7 Elementary Law A III 1 International Law A III 2</p>	<p>Bible and Modern Thought A I 6 Literature of XIXth Century C V 7 Greek C I 12 Latin C II 11 French C III 9 German C IV 10 Chemistry D II 1 c iii History and Physiology D III 1 a v Jurisprudence A 8 Constitutional Law A II 2 Geology D III 2 ii Mechanics D I 6 American Classics C V 9 English Literature C V 10 Hebrew C VI 1 Sociology A II 3 International Law A III 2 Modern Asiatic History B 8 Mammalian Anatomy D III 1 a vi Pedagogy A IV 6 History of Philosophy A I 5 [2]</p>

One hour per week in both Elocution and Rhetorical work in all three courses throughout the year [See page 53.]

College Degrees.

Bachelor's Degree.

It requires four years to complete the course of study.

Those who have taken the Classical Course, as indicated in the curriculum, receive on graduation, from the Board of Trustees, on the recommendation of the faculty, the degree of Bachelor of Arts.

Those who have completed the Philosophical Course receive the degree of Bachelor of Philosophy.

Those who have pursued the full Scientific Course receive the degree of Bachelor of Science.

Master's Degree.

The degree of Master of Arts, or Master of Philosophy, or Master of Science, may be conferred three years after graduation on any Bachelor of Arts, or Philosophy, or Science who has passed his or her graduate period in collegiate or professional study and practice, and who shall submit to the Faculty a satisfactory literary, philosophical or scientific paper. Those desiring the Master's degree must make a written application to the Secretary of the Faculty, with appropriate vouchers, accompanied by their Master's Thesis, at least six weeks before commencement.

Certificates.

Students who have been members of any department of the College, and have passed satisfactory examinations therein, may obtain certificates of the same if they have been in attendance not less than one year.

SUGGESTED COURSES LEADING TO SOME OF THE PROFESSIONS.

A great number of students who complete the College course, have in view some profession. While any one of the three courses given in Coe College is designed to secure that breadth of culture, extent of information and training of the mental powers which thoroughly fit the student for the study of any of the learned professions, yet it is possible throughout the course to make such a selection of studies as will in a special manner assist in the preparation for a particular profession. For the benefit of such students and to assist them in the selection we present the following suggested courses:

1. Preparatory to Law.

1. For the Freshman and Sophomore years the Classical or Philosophical Course, as herein before outlined. The Classical is to be preferred.

2. For the Junior year, in addition to the required studies, the student should in his electives place emphasis upon the study of Mental Science, History and Literature.

3. For the Senior year, which is entirely elective, the student should select courses in Philosophy, Political Economy, History, Law and Literature. If possible he should pursue the study of an ancient and a modern language during the Junior and Senior years.

2. Preparatory to Theology.

1. For the Freshman and Sophomore years, the Classical Course.

2. For the Junior year, in addition to the required studies, the student should make his selection along the line of Psychology, Literature, History, and continue his Greek. It will be well to take at least one modern language and such additional knowledge of the sciences as time will permit.

3. For the Senior year, the student will do well to select Philosophy, Political Economy. Hebrew, Literature, History, Theism, and an ancient and a modern language. He should have a good knowledge of Geology following a previous course in Biology.

3. Preparatory to Medicine.

1. For Freshman and Sophomore years, any of the three courses may be taken, preferably the Classical. In any event Latin should not be omitted, and the Optional work in Biology should be taken.

2. For the Junior year, as also in the Senior, the emphasis should be put as much as possible on the Sciences. In addition to what is required, the student should take all the electives in the Departments of Physical and Natural Sciences. The remainder of the time should be given to Psychology and the Modern Languages. So many works of science are written in these languages that a knowledge of them is almost a necessity.

3. For the Senior year, the work in Science should be continued. The additional electives should be Philosophy and the Modern Languages.

4. Preparatory to Teaching.

1. For the Freshman and Sophomore years, the student will make his choice of the course which will help him most in the special line of teaching which he expects to follow.

2. For the Junior and Senior years, a like consideration will control in his selection. Whether his major studies are along the line of Mental Science or History or Literature or Language or the Physical Sciences, or Mathematics, he will make a special selection of first, Psychology, and second, the splendid course in Pedagogy which is offered in the Junior and Senior years.

General Information.

THE COLLEGE AND ITS EQUIPMENT.

The Past Year.

Last year witnessed a great growth in Coe College. In the literary department the enrollment increased from 106 to 174. The standard was raised. The number of courses offered to the student was made greater. Additions were made to the faculty.

During this year 1899-1900 this growth and development have continued. The enrollment is 208. The Freshman class numbers 55. Williston Hall has been full to overflowing, some students being compelled to secure rooms outside. The promise made in the last catalogue that the faculty would be enlarged was fulfilled in the election of Professor Gist to the Chair of English and of Professor Bryant to the Chair of Latin. The preparatory course in Greek has been made two years instead of one. Throughout the entire curriculum, the courses have been much strengthened. Every term has brought with it some change looking to greater efficiency and larger accomplishment in the work. Coe College, with its sixteen professors, its splendid equipment and unrivalled location, is now in the very front rank of Iowa Colleges and is excelled by none other in the quality or the extent of the work accomplished.

Location.

Cedar Rapids is a beautiful city of 30,000 inhabitants and most favorably located as the seat of a college. It is a railroad center, easily accessible, only a few hours either from Chicago, St. Paul, Sioux City, Omaha, Kansas City or St. Louis. It has a large number of churches, schools and moral organizations.

It is a city of broad avenues and beautiful homes. In view of the above facts, and its stirring activities, life in such a city becomes a most important factor in the education of young men and women. The students, in their busy college days, need the zest that an active city throws into the routine of life, in order to make them thoughtful, practical and observing, and to hold them in sympathy with the great world which they must soon enter.

Buildings.

The main building, fronting First avenue or the Boulevard, is a commodious building, 120 feet long, 40 feet wide, and four stories high. It contains class rooms, laboratories, library, museum, assembly hall and society rooms.

Williston Hall is a few yards in the rear of the main building. It is the home of the young ladies who come from out of town to attend school. Both buildings are heated by steam supplied by the City Electric Light Company and are kept at a uniform temperature. They are therefore healthful and in no danger of fire.

The Library and Reading Room.

The library is well chosen for work on all lines essential to the requirements of students. Encyclopedias, Dictionaries, Gazetteers, Magazines, Journals, and the Government Atlases, are on the shelves and tables for the use of the students. At least \$500 worth of new books are to be added to the Library each year.

Under the Dewey system of classification the library is very useful to students in class-room work.

The Knox collection is very valuable. It is a donation from Mrs. Knox, widow of the late Rev. James Knox, formerly pastor of the First Presbyterian church of Cedar Rapids.

The Carroll collection is similar to the Knox, a gift from Rev. G. R. Carroll.

The tables of the reading room are supplied with many college papers, exchanges for the "Coe College Cosmos," several weeklies both religious and secular, four daily newspapers, and a very large number of the standard magazines.

City Libraries.

The Masonic Library, but two blocks from the college, contains an extensive collection of books, magazines, journals, reviews, daily papers, etc., and by the courtesy of Grand Secretary Parvin, is open to students of Coe College. The magazine reference room, to which the students have free access, contains not only the current numbers of many of the magazines but also bound copies of these together with complete indexes to the same. This room furnishes excellent facilities for investigation and study.

The Y. M. C. A. of Cedar Rapids maintains a reading room and library, to which students have access.

The new City Library already has a very valuable collection of books. Additions to this Library are being rapidly made. In the reading room are kept on file all the great dailies of the world, and the principal magazines of the country.

The Biological Laboratory.

This Laboratory is equipped for carrying on the work of the department. There are twelve compound, and six dissecting microscopes, a new Bausch & Lomb laboratory microtome and three students' microtomes with accessories. Students are supplied with material for making permanent microscopical preparations. Each student has a dissecting table and locker. Apparatus will be added as the needs require.

The Chemical Laboratory.

The Chemical Laboratory is well equipped for the courses in general chemistry, qualitative analysis, quantitative analysis; and fairly well equipped for organic analysis.

Each desk is fitted up with twenty reagents, burettes, flasks, etc., water tap, and basin with waste pipe.

Among other pieces of apparatus worthy of special notice are two balances, each sensitive to the tenth of a milligram, an assay furnace (Hoskin's) and a complete outfit for estimating nitrogen by the Kjeldahl process, etc.

The Physical Laboratory.

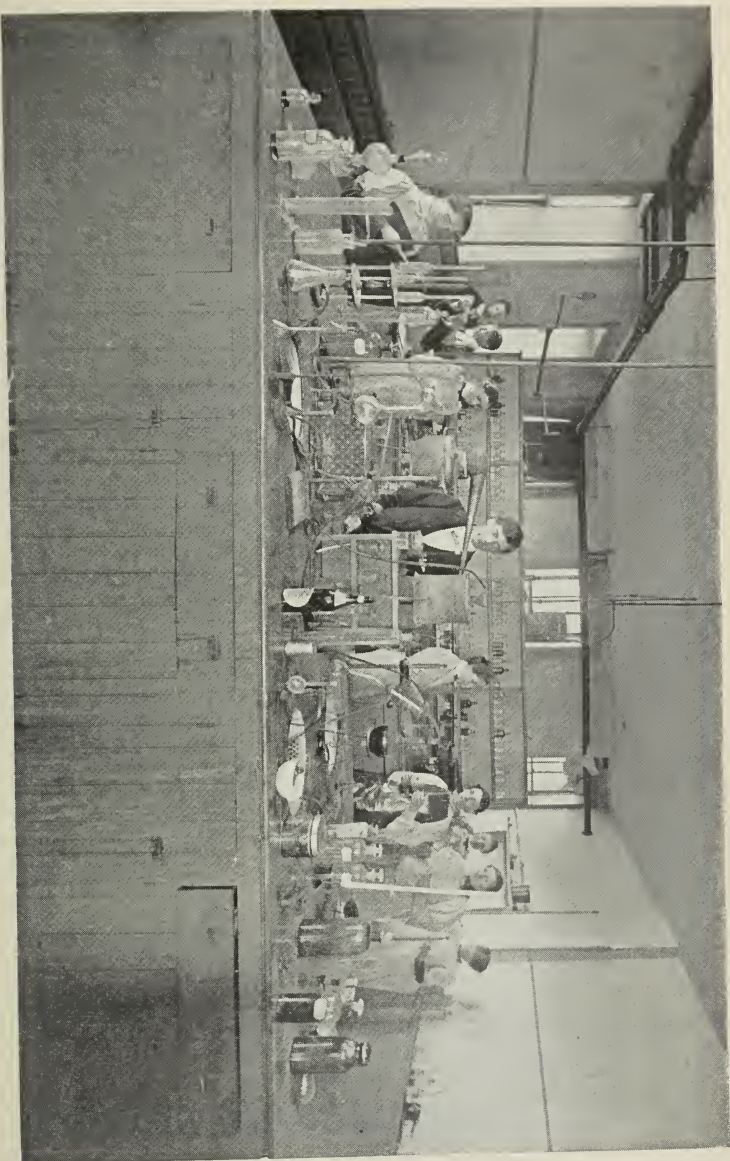
The Physical Laboratory is becoming quite well equipped. Each year marks the addition of some useful piece of apparatus. The class in physical measurements has made a large induction coil for X-Ray work.

We have, at present, apparatus for manometric flame and sensitive flame, apparatus for Lissajous' curves, sonometer, tuning forks, etc., apparatus for estimating Young's Modulus of elasticity, micrometer caliper, vernier caliper, spherometer, thermometers, barometers, colorimeters, pycnometers, tangent and mirror galvanometers, ammeters, voltmeters, Geisler tubes, Crooks tubes, large Holtz machine, etc.

The Museum.

The College has a good working Museum. Besides a great amount of other material, the geological department contains the Calvin and King collections, which have been purchased by this College. Also the Abbott collection of minerals and fossils presented by Dr. Abbott, of Manchester, and the Tomlinson collection of Canada minerals presented recently by Joseph Tomlinson, of Cedar Rapids, are very valuable. Additions have also been made by the National Museum and others. A valuable addition to the collection was made during the summer of 1899 by the Curator of the Museum and his assistants from the interesting formations of Wyoming, representing the fossil flora and fauna of that region.

The Zoological Department consists, in part, of the King collection of mammals and birds of Iowa, the Butler collection,



THE CHEMICAL LABORATORY.

the Meek collection of fishes, etc. There is also a collection of marine invertebrates recently supplemented by the Bahama Expedition of the State University.

The Botanical collection contains woods, fruits, and plants from all parts of the world. The herbarium, chiefly of Iowa plants, is growing.

The Archeological collection contains many specimens of Indian relics, etc.

Athletics.

Coe College has always encouraged the practice of athletic sports, and a deep interest is felt in this phase of college life. The faculties of Coe and of the other colleges of the state have recently taken steps to purify college athletics by the adoption of rules which will prevent professional athletes from taking part in these sports. It is thought that these rules will have a wholesome effect, and will check that tendency to become professional which has been so noticeable in colleges of late years. The College has enclosed athletic grounds, and in addition to these students can have all the advantages of the Y. M. C. A. gymnasium for a small expense annually. This gymnasium is one of the finest in the state, and an experienced teacher has been employed who leads in the physical exercises and also teaches the theory of health preservation.

College Papers.

The students publish monthly a journal which embodies their thoughts, and gives direction to College life in its bearing upon the practical work which will follow a completed course of study. The Coe College Cosmos has always been conducted with ability as to its contents, and with great skill and success in its management. According to the constitution of the Editorial Board the paper is under the direction of a staff of editors, and a member of the Faculty, through whose hands every article must pass before it is published in The Cosmos. During the past

year a second paper, the Coe College Courier, under the direction of the President, has made its appearance. This is designed to reach a larger constituency and keep all the friends informed of the progress of the institution.

Literary Societies.

There are four Literary Societies—the Alpha Nu and Olio for young men, and the Sinclair and Carleton Societies for young ladies. These Societies have weekly meetings in their halls for the purpose of debate and parliamentary experience. They meet the demand for an important part of an education, which students must originate and carry on themselves. The rooms are beautiful and attractive.

College Lectures.

In addition to the city Y. M. C. A. Entertainment Course and the lectures under the direction of the Cedar Rapids University Extension Circle, both of which are generally attended by the College students, a regular series of free College lectures is maintained. These lectures usually occur at the period immediately following the chapel exercises on Friday morning of each week with the exception of one Friday morning of each month, which is occupied by public rhetorical exercises conducted by the students. Among those who have delivered College Lectures in 1899–1900 (to March 15,) are the following: Rev. F. W. Russell, Maj. George H. Hilton, Prof. E. M. C. Ezerman, Rev. George H. Filian, Judge N. M. Hubbard, President George E. McLean, Rev. E. R. Burkhalter, Professor G. L. Pinkham, Rev. Samuel Callan, Rev. A. B. Marshall, Judge M. J. Wade, Rev. E. L. McCartney, Rev. D. W. Fahs.

Christian Associations.

The Christian Associations of the institution are active and flourishing. They have charge of the separate association prayer meetings on Tuesdays, and of the College joint prayer meeting

held on every Thursday evening. The missionary work of the College is carried on by the Associations, one meeting of each month being devoted to the discussion of missionary topics. They issue annually a most attractive Hand-Book.

Religious Culture.

Coe College is under the direction of the Synod of Iowa but is in no sense sectarian. No instruction is given or requirements made in the interest of any denomination. It is however in all its atmosphere distinctly Christian. Chapel service every morning, and attendance on Sabbath morning at the church of the parents' choice are required of the students. Bible classes and prayer meetings in the College and Williston Hall, and in the Sabbath-schools of the churches of the city where the pupils attend, furnish abundant opportunities for growth in knowledge of Christian duty, and for practice in Christian life.

The Alumni Association.

In the Alumni Association, Coe College has a rapidly growing body of warm friends and supporters. Many of the number are already prominent in business and professional circles, or are occupying positions of responsibility and trust. The members of the Association recently pledged several hundred dollars for the support of the college work, and greater things are promised by them in years to come. The Alumni meetings in June are increasing in interest and are fast becoming one of the most popular events of commencement week. Non-resident members are requested to communicate annually with the Secretary of the Association so that any change in name or address may be made a matter of record.

Williston Hall for Young Ladies.

Young ladies are admitted to the same privileges of all the departments as young men, and subject to the same entrance examinations.

Williston Hall is a large brick building with parlors, dining room, and rooms to accomodate fifty young ladies. The rooms are steam heated, furnished with heavy furniture, carpeted, and lighted at the expense of the college; other articles are furnished by the occupants.

In order to make Williston Hall a well ordered home, similar to a Christian family, the Lady Principal lives in the building, and it will be her constant effort to surround the daily life of the students with elevating influences. In view of the care needed to inculcate right habits, the trustees require all ladies coming to Coe College, not residents of Cedar Rapids, to live in Williston Hall. If there are any special reasons why young ladies should board and room elsewhere, they must be presented in writing to the Williston Hall committee, composed of the President of the College, the Chairman of the Executive Committee, and the Treasurer of the Board.

It is impossible to speak too highly of this Hall as a most delightful home for young ladies. It combines the advantages of a Ladies' Seminary with all the opportunities of a College.

Calls on young ladies, whether rooming at Williston Hall or in the city, must be confined as far as possible to the evenings of Friday and Saturday. No calls should be made on the Sabbath.

Parents and students living in Cedar Rapids should encourage, as little as possible, special social gatherings, and under no circumstances should these social meetings be on any of the college study nights.

Parents are earnestly urged to co-operate with the Faculty in securing a faithful observance of all regulations conducive to a true Christian character and life. Parents are also earnestly urged to co-operate with the Faculty in securing promptness, and faithful attendance to all college duties.

College Requirements.

Students are expected to study in their rooms during the

vacant periods. Those whose rooms are too far away will be furnished a place for study during vacant periods; they will give their names to the registrar, who will hold them responsible for order and propriety therein.

All students are expected to be in their rooms after 7 p. m., engaged in study till 10 o'clock, the hour for retiring. No social gatherings should be appointed for evenings other than Friday or Saturday, as such are a hindrance to study.

Students who wish to leave town during term time are required to obtain permission by a written request from the President or in his absence, from the Senior Professor accessible.

Students admitted to any class with conditions attached to any branch of study, are required to pass an examination on the subject within the next two terms after entering.

Students are required to pass written examinations at the end of every term. Students who fail to pass in three branches at any term examination will not be enrolled at the beginning of the next term or year until a satisfactory examination has taken place. The second Saturday of each term is set aside for such examinations.

Students are required to have a grade, at least, of seventy in each study in order to retain their standing in their class. A grade between sixty and seventy will pass the student conditionally if the subject is further pursued. Satisfactory work the rest of the term removes the condition. If they fall below that a report will be made to their parents or guardians; and if after admonition they fail to improve they will be classified elsewhere.

Students about to graduate are required to settle satisfactorily all bills, and meet all obligations due any department of the college as pre-requisites to receiving their degrees.

Any student who shall absent himself from any regular or special examination, without previous consent of the teacher in

charge, shall pay an examination fee of \$1.00 to the Assistant Treasurer, whose receipt shall entitle him to the required examination at such time as is designated by the teacher in charge. All money collected from examination fees shall be applied to the College Library.

In all cases students cannot be absent without affecting their rank in studies. For the same reason it is quite necessary that students be present on the day of enrollment, so as to be at the recitations the day following. Promptness and faithfulness should be cultivated.

Government.

The Faculty are responsible for the honor of the college; and have entire control over all the exercises conducted by the students in the name of the College.

When papers or magazines or manuals are published by the students, the articles therefor shall be submitted before publication to some member of the Faculty.

When an association of students desires a lecture or lectures under its auspices, they shall consult with the Faculty and receive permission therefor before inviting such lecturers.

When students desire to use the rooms or halls of the College for any purpose other than the purpose for which they are assigned, or at any time other than the stated one, they shall first receive permission from the Faculty.

The Faculty claim the right to make provisions for the removal from the institution of any student whose influence is not salutary upon the peace of the College, whose delinquencies in studies throw him below the required per cent. to enter or to remain in his class, and whose habits are incompatible with the welfare of the College.

Any student leaving before the close of the term, without permission, cannot re-enter as a student until he has made satisfactory explanation to the Faculty.

A record is kept of scholarship, attendance and conduct of each student, which will be furnished to parents and guardians when requested.

Students desiring to compete in the Oratorical Contests are required to hand in their orations for review to the Professor of English Literature.

Students are requested to bring certificates of good moral character, and if coming from other colleges they are requested to bring letters of regular and honorable dismission.

Conduct becoming ladies and gentlemen, respect and obedience to teachers, and cheerful conformity to all college regulations is expected and required.

All correspondence relating to the course of instruction, the admission of students, their studies, temporary absence from College, and probable expenses, should be addressed directly to the President. Communications relating to the personal welfare of the young ladies in Williston Hall may be addressed to the Lady Principal. Telegrams, especially those concerning sickness or death, should be sent directly to the President or Lady Principal.

All students will report at once to the Secretary of the Faculty where they room and board in the city, and also the changes whenever any are made.

College Honors.

PRIZES.

I. The Knox Prize, founded by the late T. M. Sinclair, in honor of the Rev. James Knox, deceased, grants free tuition Junior and Senior years to the student whose standing is the highest in scholarship at the close of Sophomore year.

II. The Bever Oratorical Prize, given by the late C. S.

Bever, of Cedar Rapids.

Two prizes, first and second, amounting respectively to \$25.00 and \$15.00 in value are awarded at the end of the year to those students competing who stand first and second best in thought, style and delivery in their orations. This contest shall be open to members of the Freshman and Sophomore classes, and to those special students, two-thirds or more of whose studies are the required studies of the Freshman and Sophomore years. The orations shall not contain fewer than 1,000 words or more than 1,200 words. The Committee of Award will be chosen by the Faculty from persons not members thereof, and the six orations receiving highest marks shall be selected for public delivery during commencement week.

III. The C. B. Soutter Prizes, given by Mr. Chas. B. Soutter, Cedar Rapids.

1. The Physical Science Prizes—Two prizes are awarded to those members of the Junior class whose advancement in the Physical Sciences has been greatest during the Sophomore and Junior years, and whose essays on prescribed themes relating to the subjects studied shall be first and second best in merit; provided, that in the judgment of the Committee of Award, the proficiency in Physical studies and merit in the essays shall warrant giving prizes. There shall be no prizes given unless there are at least five contestants. The prizes shall be in the form of books suitably inscribed, and valued respectively at \$15.00 and \$10.00.

2. The Greek Prizes—Two Greek prizes are offered. One prize of \$10.00 will be given to the member of the Freshman Class who has the highest grade for scholarship in Greek studies at the end of the Freshman year. A second Greek prize of \$5.00 will be given to the student in Greek in the Freshman Class whose grades entitle him to second place.

3. The English Prizes—A prize valued at \$15.00 will be awarded to the Sophomore student, at the end of the Sopho-

more year, who has made the best average in English studies, and a prize valued at \$10.00 to that Freshman who has made the best average in Freshman English studies, at the end of Freshman year. There must be at least five contestants. The contestants in the above classes must also submit essays on prescribed themes whose merit shall be considered in connection with the average in scholarship.

The Committee of Award in the Soutter prizes will be the Committee on Curriculum of the Board of Trustees, and the person who gives the prizes, or some one designated by him.

IV. Latin Prizes—Two Latin prizes are offered. One prize of \$10.00 will be given to the member of the Freshman class who has the highest grade for scholarship in Latin studies at the end of the Freshman year. A second Latin prize of \$5.00 will be given to the student in Latin in the Freshman class whose grades entitle him to second place.

V. The Wilson Botanical Prizes, given by Hon. James Wilson.

Two prizes of \$15.00 and \$10.00 respectively will be awarded to those students doing the best work in Courses i and ii, Botany, due regard being paid in the award to class and laboratory work, note books, and collections.

VI. The Trustee's Scholarship—The Board of Trustees confer free tuition for the full four years' course, Classical, Philosophical or Scientific, upon that student coming to Coe College, who has graduated with highest honors at an Academy or High School in the state, provided, that graduation fits such pupil to enter the Freshman class. Such honored students must bring the certificate of such graduation from the officers of the school, and their attendance must be regular and continuous. This prize will also be given to the graduate of Coe Academy who has pursued the full three years' course and has received the highest grades in his class.

VII. The T. S. Parvin Prize—Two prizes, one of \$10.00 and the other of \$5.00, or their equivalents, if preferred, to the students having the highest grade of scholarship, upon the completion of the Preparatory Course; the standard of merit to be determined from the average markings of the several classes during the year, provided such students shall enter and prosecute their studies in Coe College.

VIII. The Dows Junior Prizes—The Honorable S. L. Dows offers to the Junior class, four prizes, as follows: 1. Debate. Two prizes, \$15.00 and \$10.00. Debaters this year chosen by lot—two young men and two young women. Three judges decide on the merits of the discussion. The vote shall be “yes” or “no” on the question and the individual debaters shall not be ranked. If the vote is divided, two against one, then the former side will receive the \$15.00 prize and the latter \$10.00. The prize money is to be divided equally between the winning contestants. A unanimous vote for one side gives both prizes to that side. 2. Essay. Two prizes, \$15.00 and \$10.00. Essayists include all the class except those on Debate. Essays to contain not fewer than 1,000 words nor more than 1,200 words. The four essayists receiving the highest marks on thought and composition deliver their essays at the contest. The person receiving the highest marks on thought, composition and delivery is awarded the \$15.00 prize and the second highest the \$10.00 prize.

IX. The Biological Prizes—Dr. G. E. Crawford offers as a first prize, Gould's Dictionary of Medicine and the Biological Sciences, and as a second prize, Foster's Physiology, to the members of the Senior class who do the best practical work and pass the best examination in the Biological Sciences studied during the Junior and Senior years; provided, that in the opinion of the Awarding Committee the work done is of sufficient merit to warrant the giving of the prizes. The practical work shall consist of microscopical study of cell structure and growth, with draw-

ings, and a dissection of the typical forms, with descriptions and drawings.

In the award of all prizes and honors and degrees, due regard will be taken of the conduct of the students during their course of study, and students who have incurred serious discipline will be debarred from competition, and forfeit the privileges to which otherwise their scholarship would have entitled them.

Expenses.

TUITION.

Fall Term.....	\$13.00
Winter Term.....	12.00
Spring Term.....	12.00
Fee at Graduation.....	5.00
Laboratory Fee to Students in Chemistry.....	4.00
Fee to Students in Physics.....	1.00
Fee to Students in Biology.....	2.00

ROOMS AND BOARD.

Single Rooms, per term, at Williston Hall, from	\$10.00 to \$20.00
Two in one Room, per Term, at Williston Hall.....	7.00 to 14.00
Rooms for Young Men, per month.....	2.00 to 5.00
Board at Williston Hall, per week.....	2.50
Board at Williston Hall, per meal.....	.25

When students enter College before the middle of a term, they shall pay in full the usual charges. If they enter after the middle of the term they shall pay one-half.

When students leave College, either voluntarily or by dismissal before the middle of any term, one-half the tuition, etc., shall be refunded. But in case of temporary absence and subsequent return, although the absence be for more than half a term, no such rebate shall be granted.

The children of ministers and students for the ministry pay but half rate tuition.

Students intending to become ministers of the Gospel must present to the Assistant Treasurer a certificate of the religious body to which they belong, certifying, that said students are under its care as students for the ministry, otherwise they will be charged full tuition.

Catalogues will be sent free of charge, or other information given, upon application to the President, or to Prof. C. O. Bates, of Cedar Rapids, Iowa.

Self Support.

Cedar Rapids furnishes many opportunities to students who desire to support themselves in whole or in part. The President and Faculty will gladly co-operate with students in securing such places.

Needs of the College.

We call the attention of friends of higher Christian education to the needs of our College. It is to them that such institutions as ours must look for support. Money invested in the education of young men and women brings the largest returns. We should have at once money for the following purposes:

1. Scholarships to aid promising students who are not able to meet all their expenses.
2. A dormitory for young men.
3. Another dormitory for young women.
4. The purchase of new books and apparatus.
5. The increase of our endowment to meet general expenses.
6. A new college building to meet the demands of the large increase of students.

Forms of Bequest.

I give and bequeath to Coe College, Cedar Rapids, Iowa, the sum of —— dollars, to be safely invested by the Trustees as a part of the permanent Endowment Fund of the College.

I give and bequeath to Coe College, Cedar Rapids, Iowa, the sum of —— dollars to be appropriated by the Trustees for the benefit of the College in such a manner as they shall deem most useful.

Coe Academy.

PROFESSOR HUGGETT, Head Master.

The primary purpose of the Academy is preparation for college. At the same time the courses are arranged so as to have the greatest possible immediate and permanent value to the students. The stage of mental development and ability of pupils necessarily determine the subjects to be included in a course of study and their arrangement. It is believed that the courses of study offered in the Academy are selected and arranged in accordance with the laws of mental development and embody the essential features of the ideal Secondary course of study.

Students seeking admission to the Academy must have completed the studies covered by the eight grades of the customary public school course. By special arrangement students fitted in age and general qualifications to enter upon the regular work of the Academic course, but deficient in one or two of the following branches—Arithmetic, Physiology, U. S. History, English Grammar, Orthography,—may be permitted to remove such deficiencies by studying the subjects in special classes.

Candidates for admission should present themselves at the beginning of the term, and should bring testimonials of good character, and a full record of previous work done. Credit will

be given for work done in regularly accredited High Schools or in other schools of equal standing, but such students will be subject to reclassification if their work indicates inadequate preparation.

The time required for preparation for entering the Freshman Class of the college will depend upon the age, aptitude, and industry of the student. The regular courses require three years. To complete the preparation for entrance to the Freshman Class in three years demands the most intense application, and is only possible for the mature, able, and industrious student.

For younger students, or for students whose outside work or condition of health prevent the taking of full work, four year courses are provided. These courses differ from the three year courses only in the time allowed for their completion. The same subjects are studied, and, with slight variations, in the same amounts. The four year courses are merely arrangements of the three year courses allowing longer time for their completion.

The following courses are provided.

I. Three Year Courses:

1. Course leading to the Classical Course of the College.
2. Course leading to the Philosophical Course of the College.
3. Course leading to the Scientific Course of the College.

II. Four Year Courses:

1. Course leading to the Classical Course of the College.
2. Course leading to the Philosophical Course of the College.
3. Course leading to the Scientific Course of the College.

Students of the Academy are under the careful and continuous supervision of the Head Master and the Faculty. The development of noble character is as much an aim as is the imparting of knowledge.

Students of the Academy attend the Chapel exercises, College lectures, and other general exercises of the College.

The Library is open to students of the Academy on the

same terms as to the College students.

At the end of each term a report is sent to the parents of each student showing the amount and character of the work done.

Hon. T. S. Parvin offers two prizes, one of \$10.00 and the other of \$5.00, or their equivalents, if preferred, to the students having the highest grade of scholarship upon the completion of the Preparatory Course; the standard of merit to be determined from the average markings of the several classes during the year, provided such students shall enter and prosecute their studies in Coe College.

The Board of Trustees confers free tuition for the full four years' course, Classical, Philosophical, or Scientific, upon the student completing the Preparatory Course with highest honor. To hold such Scholarship the attendance of the student must be regular and continuous.

Perfect accuracy and thorough mastery of the studies of the Academy is an absolute requirement for admission to the College. In recognition of the importance of the best possible instruction at this stage of the student's life the courses of the College and Academy are so articulated that the instruction in the Academic classes is all given by the regular Collegiate Faculty, which insures an excellence and thoroughness of work not to be attained under less skilled instruction.

The members of the Faculty giving instruction in one or more classes in the Academy, excepting the President, is as follows:

REV. S. B. McCORMICK, A. M., D. D., President.

J. PERCIVAL HUGGETT, M. D., Head Master.

REV. ROBERT CONDIT, A. M., Greek.

MISS ALICE KING, History.

CLINTON O. BATES, A. B. Ph. D., Physical Science.

STEPHEN W. STOOKEY, Sc. M., Natural Science.

L. R. ASH, B. C. E., B. E. E., Mathematics.

MISS M. LEEB, German and French.

REV. W. W. GIST, A. M., D. D., English.

REV. GEO. W. BRYANT, A. M., Latin.

MRS. MARIAN H. KILBOURNE, Elocution and Physical Culture.

E. M. C. EZERMAN, Music.

MISS IDA DODD, Individual Instruction.

For further general information with regard to tuition, other expenses, etc., see pages 60-77.

The following will exhibit the courses of study pursued in this department.

I. GREEK. Professor Condit.

The aim of the preparatory course in Greek is to give the student a thorough training in the language itself. There are constant reviews until the inflections are mastered. After the important grammatical forms have been learned, continuous selections from a Greek author are read. Second and third years, classical course.

1. White's First Greek Book. Books I and II of Xenophon's Anabasis. Exercises in Greek Composition. Four periods weekly throughout the second year.

2. Selections from Books IV and V, Xenophon's Anabasis, or from Book VII, Herodotus. Reading at sight. Five periods weekly, fall term, third year.

3. Homer's Iliad, Books I and II. Book III, rapid reading and reading at sight. Five periods weekly, winter and spring terms, third year.

Greek composition based upon the books read throughout

the course. A special class will be provided for students entering the Freshman class deficient in Greek, so that they may be prepared for College Greek in a shorter time.

II. LATIN. Professor Bryant.

This course covers three full years. Thoroughness and accuracy in the grammar are insisted upon. Inflections and construction of sentences must be mastered. Five periods per week.

1. Collar & Daniel's First Latin Book. Allen & Greenough's or Bennett's Grammar. Fall and winter terms, first year.

2. Cæsar's Commentaries, four books. Text book, Kelsey, Moulton & Collar's Exercises in Latin Composition. Spring term, first year and fall term, second year.

3. Cicero's Six Orations, including the four against Cataline and those for Archias and the Manilian Law. Text book, Kelsey. Moulton & Collar's Latin Prose Composition. Winter and spring terms, second year.

4. Vergil's *Æneid*, six books. Jones' Latin Prose Composition. Prosody of Hexameter verse. Third year.

5. The Junior Latin Reader, by Rolfe & Denison may be substituted for portions of the work of number 2.

6. Ovid or Sallust. Portions of Ovid or Sallust may be studied instead of some of the orations of Cicero in number 3.

The division of time between Cicero and Vergil will vary somewhat according to the classes.

7. The work in Latin in the four years' course is somewhat differently arranged. Three terms of the first year and two terms of the second year are given to Collar & Daniel's First Book, Latin Grammar, exercises in prose composition, and suitable Latin selections.

III. ENGLISH. Professor Gist and Mrs. Kilbourne.

The student, having finished the eighth grade in the public schools, is supposed to come with a fair knowledge of English Grammar. The work done in the Academy is designed to give

a most exhaustive and thorough study of the principles of the English language; to train the student in the use of his own tongue and to acquire some knowledge of the English classics. The course is as follows:

1. Grammar and Composition. Review of essentials and practice in original writing. Five hours per week, fall term, first year.

2. Rhetoric and Composition. Five hours per week, winter and spring terms, first year. Text book, Hart.

3. English Classics. Four hours per week, fall term, two hours per week, winter and spring terms, second year. For the years 1900, 1901 and 1902 a thorough study of the following works will be made:

1900.

Dryden's Palamon and Arcite, Pope's Translation of Iliad, books I., VI., XXII., XXIV., Bunyan's Pilgrim's Progress, Scott's Kenilworth, De Quincey's Flight of a Tartar Tribe, Cooper's Last of the Mohicans, Tennyson's The Princess, Lowell's Vision of Sir Launfal.

1901 and 1902.

Required for careful study: Burke's Speech on Conciliation with America, Macaulay's Essays on Milton and Addison, Milton's Minor Poems, Shakespeare's Macbeth.

Required for general reading: Addison's The Sir Roger de Coverley Papers, Coleridge's The Ancient Mariner, Cooper's The Last of the Mohicans, Eliot's Silas Marner, Goldsmith's The Vicar of Wakefield, Pope's Iliad, books I., VI., XXII., XXIV., Scott's Ivanhoe, Shakespeare's The Merchant of Venice, Tennyson's The Princess.

4. In the third year two hours a week are given to a careful review of the principles of the English language, including the forms of words, sentence building, paragraph structure, theme writing, and forms of discourse. Selections from the English

classics given for 1900 and 1901 are carefully read and critically studied.

IV. HISTORY AND CIVIL GOVERNMENT. Miss King.

This course presupposes a knowledge of United States History and so takes up Civil Government as a supplementary study. The histories of Rome and Greece are parallel with the work in the Greek and Latin Languages.

1. Civil Government. Mowry or Macy. Two hours weekly, winter and spring terms, second year.
2. Oriental Monarchies. Myers. Fall term of third year, three hours weekly.
3. Greek History. Myers, revised edition. Winter term of third year, three hours weekly.
4. Roman History. Myers, revised edition. Spring term of third year, three hours weekly.

V. MATHEMATICS. Professor Ash.

From the beginning students are taught to be exact and systematic. The Academic Course is designed to give very thorough drill in the fundamental operations so that the purely mechanical part may be eliminated, so far as possible, from the work later on.

1. Algebra. Five times per week throughout the first year. Special attention is given to the law of signs, factoring, fractions, the solution of simple equations, involution and evolution. Text book, Wells.
2. Algebra. Three times per week, fall and winter terms, second year. Thorough drill is given in the use of exponents, surds and imaginary quantities. Simple and simultaneous quadratic equations are studied with great care, and the solution of a great number of problems is required in order to fix in the minds of the students the various methods of solving them. Text book, Wells.

3. Advanced Arithmetic. Three times per week, spring term, second year. The study of Arithmetic as a branch of mathematical science. Application of algebraic formulae and processes to arithmetical operations.

4. Geometry. Five hours per week during the third year are given to Plane and Solid Geometry. Every effort is made to have the student think for himself, and to this end the solution of a large number of original exercises is required.

VI. SCIENCE. Professor Bates and Professor Stookey.

Students in the academic department are favored with all the apparatus they need from the college department. While great stress is put upon doing the required amount of work for entering the College, greater stress is put upon the quality of the work, and the formation of right habits of thought and investigation.

1. Physical Geography. This study is pursued the first half of the first year, reciting four times per week. Text book, Davis. This subject is used as a general introduction to science and scientific methods and has proven to be one of the most interesting studies in the Academic course. One hundred or more stereopticon views will be used to illustrate the subject under consideration.

2. Botany. This subject is required four times per week for the last half of the first year. An effort is made to study plants as living organisms, and not merely as objects to be analyzed and named. Some use will be made of the compound microscope. McBride or Bergen will be followed as a guide in the work, with Gray as a reference book.

3. Physics. Three hours per week throughout the second year. Recitations and laboratory work. Text book, Avery's Elements.

VII. GERMAN. Miss Leeb.

This study is taken only by those students who seek to

enter the College Philosophical or Scientific Course. Such students omit Course I.

1. Preparatory Grammar by Edgren & Fossler. Reader, Maerchen and Erzaehlungen, Guerber. Winter and spring term, Grammar continued. Reader, Andersen's Maerchen by O. B. Super. Four times a week, second year.

2. Fall term of third year, Grammar, Collar's Shorter Eysenbach. Storm's Immensee. Winter term, Hillern's Hoeher als die Kirche. Spring term, Baumbach's Die Nonna. Five times per week throughout the year.

VIII. FRENCH. Miss Leeb.

This study is taken only by those students who desire admission to the Scientific Course of the College. Such students omit the Cicero and Vergil of Course II.

1. Second year. Grammar, Chardenal's Complete French Course. Fall term, Reader La Tache Du Petit Pierre, by Mairat. Winter and spring terms, Reader by O. B. Super. Five times per week, throughout the year.

2. Third year. Grammar, Chardenal's Complete French Course, continued. Reader, fall and winter terms, Douze Contes Nouveaux, C. Fontaine. Reader, spring term, Bigarreau, by Theurier. Five periods per week throughout the year.

IX. READING AND EXPRESSION. Mrs. Kilbourne.

1. The first year in the Academy will have two lessons a week in expression. One lesson will be given to exercises in breathing, pure tone placing, articulation, followed by reading. The other to physical exercise and the telling of stories—largely of adventure. Beside this each pupil will be assigned two standard short poems to be recited at stated times during the year.

2. The character of the second year's work is much the same as that of the first except that speech work takes the place of story telling. This begins with three minute talks, founded

on some personal experience or observation, and later finds its topics in literature. Three recitations of standard poems are required through the year.

3. The work in the third year continues along the same lines, but the talks assume a more formal character and the selections assigned for rendering will be taken from noted orations. One hour per week.

Work in Expression is required in the Preparatory Department for a specified number of hours during the course, as follows:

1st Year. Two terms of two hours per week each.

2d Year. Two terms of two hours per week each.

3d Year. Two terms of one hour per week each.

In each year the required work may be taken in any two terms the student may select. Classes will be maintained in each class throughout the year.

Synopsis of Three Years Academic Course.

FIRST YEAR.		SECOND YEAR.		THIRD YEAR.	
FALL TERM.		FALL TERM.		FALL TERM.	
Algebra V 1	5	Algebra V 2	3	Geometry V 4	5
Latin II 1	5	Latin II 2	5	Latin II 4	5
Grammar and Composition III 1	5	Greek I 1	4	Greek I 2	5
Physical Geography VI 1	4	Physics VI 3	3	Oriental Nations IV 2	5
Expression IX 1	2	English Classics III 3	4	English III 4	3
		Expression IX 2	2	Expression IX 3	2
		Philosophical Course.		Philosophical and Scientific Courses.	1
		German VII 1 instead of Greek	4	German VII 2, instead of Greek	5
		Scientific Course.		Scientific Course.	
		French VIII 1, instead of Latin.	5	French VIII 2, instead of Latin	5
WINTER.		WINTER.		WINTER.	
Algebra V 1	5	Algebra V 2	3	Geometry V 4	5
Latin II 1	5	Latin II 3	5	Latin II 3	5
Rhetoric and Composition III 2	5	Greek I 1	4	Greek I 2	5
Physical Geography VI 1 }	4	Physics VI 3	3	Greek History IV 3	3
Botany VI :	2	Civil Government IV 1	2	English III 4	2
Expression IX 1		English Classics III 3	2	Expression IX 3	1
		Expression IX 2	2	Philosophical and Scientific Courses.	
		Philosophical and Scientific Courses.		German VII 2, instead of Greek	5
		German VII 1, instead of Greek	4	Scientific Course.	
		Scientific Course.		French VIII 2, instead of Latin	5
		French VIII 1, instead of Latin	5		
SPRING.		SPRING.		SPRING.	
Algebra V 1	5	Advanced Arithmetic V 3	3	Geometry V 4	5
Latin II 2	5	Latin II 3	5	Latin II 4	5
Rhetoric and Composition III 2	5	Greek I 1	4	Greek I 3	5
Botany VI 2	4	Physics VI 3	3	Roman History IV 4	3
Expression IX 1	2	Civil Government IV 1	2	English III 4	2
		English Classics III 3	2	Expression IX 3	1
		Expression IX 2	2	Philosophical and Scientific Courses.	
		Philosophical and Scientific Courses.		German VII 2, instead of Greek	5
		German VII 1, instead of Greek	4	Scientific Course	
		Scientific Course.		French VIII 2, instead of Latin	5
		French VIII 1, instead of Latin	5		

Synopsis of Four Years Academic Course.

FIRST YEAR.		SECOND YEAR.		THIRD YEAR.		FOURTH YEAR.	
FALL TERM.		FALL TERM.		FALL TERM.		FALL TERM.	
Latin II 1	5	Latin II 7	5	Latin II 2	5	Latin II 4	5
Grammar and Comp. III 1	5	Algebra V 1	5	Algebra V 2	5	Geometry V 4	5
Physical Geog. VI 1	4	English III 3	4	Physics VI 3	3	English III 4	2
Expression IX 1	2	Expression IX 2	2	Oriental Nations IV 2	3	Greek I 2	5
				Greek I 1	4	Expression IX 3	1
				Philosophical Course, Ger. VII 1 instead of Greek	4	Phil. and Scientific Courses, Ger. VII 2 instead of Greek	5
				Scientific Course, French VIII 1, instead of Latin	5	Scientific Course, French VII 2, instead of Latin	5
WINTER.		WINTER.		WINTER.		WINTER.	
Latin II 1	5	Latin II 7	5	Latin II 2	5	Latin II 4	5
Rhetoric and Comp. III 2	5	Algebra V 1	5	Algebra V 2	3	Geometry V 4	5
Physical Geog. VI 1	4	English III 3	2	Physics VI 3	3	English III 4	2
Botany V 2	2	Civil Government IV 1	2	Greek History IV 3	3	Greek I 3	5
Expression IX 1	2	Expression IX 2	2	Greek I 1	4	Expression IX 3	1
				Philosophical Course, German VII 1, instead of Greek	4	Phil. and Scientific Courses, German VII 2, instead of Greek	5
				Scientific Course, French VIII 1, instead of Latin	5	Scientific Course, French VIII 2, instead of Latin	5
SPRING.		SPRING.		SPRING.		SPRING.	
Latin II 1	5	Latin II 2	5	Latin II 3	5	Latin II 4	5
Rhetoric and Comp. III 2	5	Algebra V 1	5	Advanced Arithmetic V 3	3	Geometry V 4	5
Botany VI 2	4	English III 3	2	Physics VI 3	3	English III 4	2
Expression IX 2	2	Civil Government IV 1	2	Roman History IV 4	3	Greek I 3	5
		Expression IX 2	2	Greek I 1	4	Expression I 3	1
				Philosophical Course, German VII 1, instead of Greek	4	Phil. and Scientific Courses, German VII 2, instead of Greek	5
				Scientific Course, French VIII 1, instead of Latin	5	Scientific Course, French VIII 2, instead of Latin	5

Musical Department.

The Musical Department of Coe College is under the direction of Professor E. M. C. Ezerman. Professor Ezerman was born in Holland, where he commenced his musical studies at the early age of seven years. The masters under whom he has studied are such men as Nicolai, of the Royal Conservatory, the Hague, Holland; Carl van der Linden, director of the opera in Amsterdam; Haagmans and Vink, of Leipzig.

The Plan of Instruction.

Work may be taken privately or in classes. The last is especially beneficial to young students who have not had much experience in playing before others. For more advanced students private tuition is preferable.

Music Taught.

Music, both instrumental and vocal, is taught from the first beginning to the highest degree of proficiency.

Students who are already somewhat advanced will be graded accordingly.

Tuition.

The student is expected to pay at the beginning of each term for instruction in Piano, Organ, Voice Culture, Violin, Cello, Orchestral Instruments, Harmony and Composition, as follows:

	Fall Term.	Winter and Spring Term
Two lessons per week, 3 in class.....	\$12.00	\$9.50
Two lessons per week, 2 in class.....	18.00	14.50
Two lessons per week, individual, 30 minutes	18.00	14.50

One lesson per week, individual, 30 minutes	9.50	7.75
Two lessons per week in Harmony, 4 in class	9.50	7.75
Two lessons per week, 5 or more in class.....	7.75	6.50
Ensemble playing, 2 hours per week.....	10.00	8.00
Ensemble playing, 1 hour per week.....	6.00	5.00
Art of Accompaniment, class of 5, 60 minutes	6.00	5.00
Training in Church, class of 5, 60 minutes....	6.00	5.00
Theory of Music in class.....	1.75	1.75
Sight reading, in class one lesson a week, per term.....		\$1.00
Chorus class, one lesson a week, per term.....		1.00
Use of piano, one hour daily, per term.....		2.50
Musical History, weekly lectures, free to students.		
Musical Biography, weekly lectures, free to students.		
Physiology of Voice, weekly lectures, free to students.		

PIANO COURSE.

Grades I and II.

Note reading, position of hands, arms and body. Handrock op. 32, Spindler op. 273, Bertini 12 little pieces, with easy Sonatines of Andre, Pleyel and others.

Grades II and III.

Duvernoy op. 120, Behrens op. 79, Bertini op. 100, op. 29, 32, Heller op. 47, Loeschorn op. 52, Sonatines by Schneider, Clementi, Kuhlau and Dussek.

Grades III and IV.

Czerny op. 636, Biehl op. 66, Czerny op. 299, Bach little Preludes and Fugues, Heller op. 45 and 46, Haendel Fhugetten, Sonatines Kuhlau and easier Sonatas by Clementi, Haydn, and Mozart.

Grades IV and V.

Czerny op. 740, Cramer etudes, Loeschorn op. 38, Jensen op. 32, Bach Inventions, Sonatas by Mozart, Haydn, Clementi and the easier ones by Beethoven.

Grades V and VI.

Clementi Gradus ad Parnassum, Chopin op. 25 and 10,

Liszt etudes, the more difficult Sonatas of Beethoven, Chopin and others.

Suggestive Points.

All through the piano course great attention is given to technique, commencing from the first finger exercises to the most difficult passage work. Especial attention is given to the right training of the wrist and arm. Students are required to take one term of Harmony before going from the third to the fourth grade.

Graduates are required to take one year in Harmony.

During the fall and winter terms free lectures on musical history will be given, which students are expected to attend.

No charge is made for students' recitals, lectures, readings, etc.

All music students are expected to attend the classes in sight reading, for the ability to read at sight is the foundation of a true musical education.

Male students will on application to the secretary be admitted to the Apollo club, after giving proof of their ability to sing.

A large chorus class is accessible to all students.

Both the Glee club and the chorus class are under the personal direction of Professor Ezerman.

Summer Session and School of Methods.

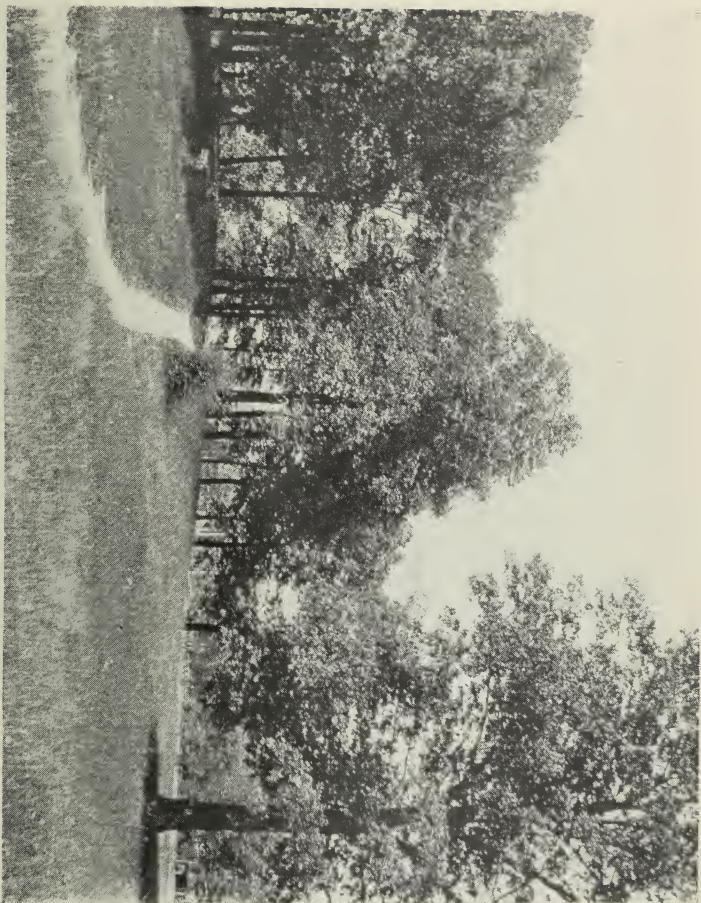
June 11 to July 20, 1900.

REV. S. B. McCORMICK, A. M., D. D., President.

Prof. C. O. Bates, Prof. S. W. Stookey, Prof. J. P. Huggett, Committee.

In the summer of 1899 the Coe College Summer School was established in response to an evident demand. The first session was a decided success. As a result of the success of the first session and in recognition of the constant and increasing demand among the teachers of Cedar Rapids and adjacent cities, the teachers in the rural schools of Linn and adjoining counties, and the students of the College for an opportunity of spending a portion of the summer vacation in study, the Summer School has been made a permanent feature of the work of the College. A committee of three appointed from the Faculty is charged with all general arrangements, the outlining of the work, selection of instructors, etc.

The Session of 1900 has been carefully planned and will certainly prove highly helpful to all who may attend. Both regular work for College students and special work for teachers will be offered. Opportunity will thus be given to students for the removal of conditions or for securing advanced standing. Teachers will find in the Summer School a most favorable opportunity for more thorough preparation for examinations or for the study of special methods under the instruction of specialists. A strong Faculty, composed partially of members of the regular College Faculty and partially of others specially employed for



THE KNOLL.

this purpose, has been selected, as follows:

REV. S. B. MCCORMICK, A. M., D. D., Educational Psychology.

C. B. SCOTT, A. M., Nature Study and Methods.

MRS. EMMA H. WEIDEL, Primary Methods and Speer Number Work.

MISS MARY ZIEK, Literature in the Intermediate and Grammar Grades and advanced Speer Arithmetic.

C. O. BATES, A. M., PH. D., Physical Science.

S. W. STOOKEY, SC. M., Biological Science.

L. R. ASH, B. C. E., B. E. E., Mathematics.

REV. W. W. GIST, A. M., D. D., English and History.

REV. G. W. BRYANT, A. M., Greek and Latin.

J. PERCIVAL HUGGETT, M. D., Pedagogy.

MRS. MARIAN KILBOURNE, Reading and Voice Culture.

E. M. C. EZERMAN, Vocal and Instrumental Music.

OUTLINE OF WORK BY DEPARTMENTS.

1. Special Methods.

1. Nature Study. Professor C. B. Scott, formerly of the State Normal School, Oswego, N. Y., now in Porto Rico. A specialist in this line of work.

2. Primary Methods and Speer Number Work. Mrs. Emma H. Weidel, Principal of Everett School, Sioux City, Iowa.

3. Literature in the Intermediate and Grammar Grades and Advanced Speer Work. Miss Mary Zeik, Principal Madison School, Cedar Rapids, Iowa.

4. Advanced English and Literature. Professor W. W. Gist.

2. Professional Subjects.

1. Educational Psychology. Dr. S. B. McCormick.

2. History of Education and General Pedagogy. Professor J. P. Huggett.

3. Collegiate Subjects.

Any subject in the regular Collegiate or Preparatory Courses as shown by this catalogue, if called for by a sufficient number of students. The following departments have already been provided for:

1. Greek and Latin, Professor Bryant.
2. English and History, Professor Gist.
3. Physical Science, Professor Bates.
4. Biological Science, Professor Stookey.
5. Mathematics, Professor Ash.
6. Pedagogy, Professor Huggett.

4. Review of Certificate Branches.

Classes will be maintained in the following subjects:

- | | |
|--------------------------|------------------------|
| 1. Algebra. | 6. U. S. History. |
| 2. Civics and Economics. | 7. Botany. |
| 3. Arithmetic. | 8. Physical Geography. |
| 4. Grammar. | 9. Physics. |
| 5. Physiology. | |

The work in all Collegiate subjects will be intensive. A full term's work will be covered in six weeks time. For this reason it will ordinarily be impossible for a student to carry more than two such subjects at one time in the Summer School work. Examinations will be held at the close of the session and credit given on the same basis as for similar work done during the regular College year.

The tuition in either the School of Methods or for Collegiate work will be \$10, for either full or part work.

For information regarding boarding or rooms, address Professor C. O. Bates, Cedar Rapids, Iowa.

For more detailed information regarding courses, schedule of recitations and lectures, etc., address Professors C. O. Bates or J. P. Huggett.

The Students.

POST GRADUATES.

NAME.					RESIDENCE.
Averill, Edith S.	-	-	-	-	Cedar Rapids
Broeksmit, Eugenie	-	-	-	-	Cedar Rapids
Burkhalter, Mary	-	-	-	-	Cedar Rapids
Clark, Nellie E.	-	-	-	-	Cedar Rapids
Dodd, Ida M.	-	-	-	-	Cedar Rapids

SENIOR CLASS.

Beechley, Lorette Jesse	-	-	-	-	Cedar Rapids
Brewer, Wesley Corwin	-	-	-	-	Vinton, Iowa
Creswell, William James	-	-	-	-	Londonderry, Ireland
Fowler, Kate Marcia	-	-	-	-	Clinton, Iowa
Koons, Edwin Wade	-	-	-	-	La Porte City, Iowa
McKechnie, Margaret	-	-	-	-	Atkins, Iowa
Moffit, Martha	-	-	-	-	Mechanicsville, Iowa
Paterson, William B.	-	-	-	-	Boone, Iowa
Tow, Sara	-	-	-	-	Norway, Iowa
Vincent, Howell Smith	-	-	-	-	Dysart, Iowa

JUNIOR CLASS.

Albaugh, Charles Reed	-	-	-	-	Cedar Rapids
Aston, Emily Anna	-	-	-	-	Shelby, Iowa
Broeksmit, John Shaw	-	-	-	-	Cedar Rapids
Currie, Malcom †	-	-	-	-	Odebolt, Iowa
Donnan, Walter Andrew †	-	-	-	-	Cedar Rapids
Egloff, Edith Eglantine	-	-	-	-	Waterloo, Iowa
Emerson, Katheryn Enid †	-	-	-	-	Cedar Rapids
Lees, James Henry	-	-	-	-	Cedar Rapids
Lubbock, Robert Thomas	-	-	-	-	Cedar Rapids
Manson, Rebecca	-	-	-	-	Marion, Iowa
Nisley, Frank Newton	-	-	-	-	Blairstown, Iowa
Snyder, Mary Carolyn	-	-	-	-	Cedar Rapids
Spencer, Bertha	-	-	-	-	Cedar Rapids

Spicer, Samuel Sherman	-	-	-	Blairstown, Iowa
Waite, Mabel Cornelia	-	-	-	Cedar Rapids
White, Harry Clyde †	-	-	-	Cedar Rapids
Youel, John Elton	-	-	-	Atkins, Iowa

SOPHOMORE CLASS.

Alexander, Mabel	-	-	-	Marion, Iowa
Aussieker, Meta	-	-	-	Cedar Rapids
Brown, Wilson Robert †	-	-	-	Dexter, Iowa
Clark, Ada Ellen	-	-	-	Cedar Rapids
Clark, Margaret Blanche	-	-	-	Scotch Grove, Iowa
Cross, Samuel Xenophon	-	-	-	Shellsburg, Iowa
Cryor, Sidney Arthur	-	-	-	Albert Lea, Minn.
Daniels, Lowell	-	-	-	Marion, Iowa
Gray, Maggie Sargent	-	-	-	Grundy Center, Iowa
Humble, Grace Gertrude	-	-	-	Marion, Iowa
Knox, James McBride	-	-	-	Cedar Rapids
LaGrange, Robert Ray †	-	-	-	Marion, Iowa
Lowery, William Bruce	-	-	-	Cedar Rapids
Machula, Beatrice Bernice	-	-	-	Cedar Rapids
McCook, James Brown	-	-	-	Riceville, Iowa
McCormick, Jennie Elizabeth	-	-	-	Tipton, Iowa
McMillan, Viva Alice †	-	-	-	Cedar Rapids
Newcomb, Mary Eloise	-	-	-	Waterloo, Iowa
North, Anna Margaret †	-	-	-	Cedar Rapids
Oxley, John Taylor, †	-	-	-	Marion, Iowa
Poyneer, Charlotte Rebecca †	-	-	-	Williamsburg, Iowa
Rippel, Albert	-	-	-	La Porte City, Iowa
Street, Eunice Helen	-	-	-	Dayton, Ohio
Thanner, Marie Elise	-	-	-	Cedar Rapids
Watkins, Howard R.	-	-	-	Grundy Center, Iowa
Vanderpool, Ward	-	-	-	Clarence, Iowa

FRESHMAN CLASS.

Anderson, John Franklin †	-	-	-	Clarence, Iowa
Armstrong, Chester Arthur	-	-	-	Cedar Rapids

Armstrong, Fred Bert	-	-	-	-	Cedar Rapids
Carver, Mabel Annetta	-	-	-	-	Marion, Iowa
Cryor, Clark Manley	-	-	-	-	Albert Lea, Minn.
Daniels, Preston H.	-	-	-	-	Marion, Iowa
De Wild, John H.	-	-	-	-	Grundy Center, Iowa
Dingman, Anna Elizabeth	-	-	-	-	Cedar Rapids
Egloff, George Eugene	-	-	-	-	Waterloo, Iowa
Emerson, Clemerica	-	-	-	-	Massillon, Iowa
Fees, Inez Iona	-	-	-	-	Lenox, Iowa
Fishwild, Mary Henrietta	-	-	-	-	Wyoming, Iowa
Fowler, Mae Crosby	-	-	-	-	Clinton, Iowa
Fuhrmeister, Luther Andrew †	-	-	-	-	Cedar Rapids
Grandle, Franklin Pierce †	-	-	-	-	Marion, Iowa
Hall, George Lewis †	-	-	-	-	Cedar Rapids
Hill, Ethel C.	-	-	-	-	Mechanicsville, Iowa
Jewell, James Ralph	-	-	-	-	Moran, Kansas
Johnson, Lois Amelia	-	-	-	-	Edgington, Illinois
Kendall, Karl W. †	-	-	-	-	Marion, Iowa
Knox, Elizabeth C.	-	-	-	-	Cedar Rapids
Kuhn, Anna B.	-	-	-	-	Cedar Rapids
McCaslin, Christine †	-	-	-	-	Cedar Rapids
MacDuff, Elizabeth †	-	-	-	-	Cedar Rapids
McKinney, Maud Laura †	-	-	-	-	Cedar Rapids
Milligan, Anna Clara †	-	-	-	-	Tipton, Iowa
Miner, Carl Shelley	-	-	-	-	Cedar Rapids
Munger, Earle Augustus †	-	-	-	-	Cedar Rapids
Netolicky, Joseph Charles †	-	-	-	-	Shueyville, Iowa
Ogden, Morton Merle	-	-	-	-	Oskaloosa, Iowa
Oxley, Carl	-	-	-	-	Marion, Iowa
Pearson, Manford Alpheus	-	-	-	-	Richmond, Kansas
Plummer, Zula Irene	-	-	-	-	Springville, Iowa
Purmort, Virgilia †	-	-	-	-	Waterloo, Iowa
Raymond, Eloise Prentice	-	-	-	-	Waterloo, Iowa
Rose, Belle J. A.	-	-	-	-	Vinton, Iowa

Sargent, Bertha Knowles	-	-	-	Grundy Center, Iowa
Sargent, Emma Grace †	-	-	-	Grundy Center, Iowa
Shearer, William A.	-	-	-	- Clarence, Iowa
Stark, Bessie Katheryn †	-	-	-	Cedar Rapids
Sutherland, Josephine	-	-	-	Scotch Grove, Iowa
Sweinhart, Edna Mary	-	-	-	Tipton, Iowa
Taylor, Maud	-	-	-	Toddville, Iowa
Waterbury, Grace	-	-	-	Marshalltown, Iowa
Whitnell, Albert Henry †	-	-	-	Ryan, Iowa
Whitnell, Eva Frances	-	-	-	Ryan, Iowa
Wilson, Raymond Everett †	-	-	-	Cedar Rapids

ACADEMY.

THIRD YEAR.

Adams, Charles W.	-	-	-	-	Cedar Rapids
Albaugh, Redmond D.	-	-	-	-	Cedar Rapids
Anderson, John Thomas	-	-	-	-	Washington, Minn.
Bear, Samuel Lee	-	-	-	-	Cedar Rapids
Brown, Nora Isabella	-	-	-	-	Perry, Iowa
Bruce, John H.	-	-	-	-	Anamosa, Iowa
Chandler, Perley Bickford	-	-	-	-	Marengo, Iowa
Connelly, Ethel Doran	-	-	-	-	Center Point, Iowa
Deacon, Mary	-	-	-	-	Cedar Rapids
Gott, Norah Adel	-	-	-	-	Toddville, Iowa
Gunn, Anna Josephine	-	-	-	-	Lexington, Nebraska
Leonard, Mary Belle	-	-	-	-	Kenwood Park, Iowa
Mast, Irene Christine	-	-	-	-	Maple Hill, Iowa
McBirney, Herman Clark	-	-	-	-	Conrad, Iowa
McCaslin, Vida	-	-	-	-	Cedar Rapids
McDaniel, Charles Foster	-	-	-	-	Cedar Rapids
Moorhead, Ralph Eugene	-	-	-	-	Marion, Iowa
Perkins, Fred Elliott	-	-	-	-	Marion, Iowa
Reynolds, Ernest Everett	-	-	-	-	Sylvia, Iowa
Spencer, Fred Charles	-	-	-	-	Cedar Rapids
Wehrhan, Nelson Williams	-	-	-	-	Shell Rock, Iowa

Williams, Lester Allen	-	-	-	Cedar Rapids
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SECOND YEAR.

Ainslie, Robert Shannon	-	-	-	Blairstown, Iowa
Albaugh J. Jay	-	-	-	Cedar Rapids
Bohac, Frank	-	-	-	Clarkson, Nebraska
Bowlus, Kathrina	-	-	-	Cedar Rapids
Brittain, Lorena Gertrude	-	-	-	Cedar Rapids
Buresh, George Francis	-	-	-	Ely, Iowa
Ely, John Montague	-	-	-	Cedar Rapids
Fagan, Thomas Lawrence	-	-	-	Onslow, Iowa
Frick, Harold Chester	-	-	-	Rockwell City, Iowa
Gist, Arthur Stanley	-	-	-	Cedar Rapids
Knapp, Arthur Owen	-	-	-	Dexter, Iowa
Leonard, Nathan Burroughs	-	-	-	Kenwood Park, Iowa
McCormick, James Irwin	-	-	-	Cedar Rapids
Munger, Perry Willard	-	-	-	Cedar Rapids
Rhinehart, Mary Estella	-	-	-	Dallas Center, Iowa
Smith, Charles Raymond	-	-	-	Cedar Rapids
Smith, May	-	-	-	Cedar Rapids
Stevenson, Harry Burdette	-	-	-	Cedar Rapids
Stookey, Conn Levi	-	-	-	Robins, Iowa
Stookey, James Wilson	-	-	-	Robins, Iowa
Sullivan, Jerry Dennis	-	-	-	Washington Mills, Iowa
Warner, Ethel Luna	-	-	-	Cedar Rapids
Williamson, Effie May	-	-	-	Cedar Rapids

FIRST YEAR.

Albaugh, Merne	-	-	-	Cedar Rapids
Baker, Lillian	-	-	-	Marion, Iowa
Barnell, James Earl	-	-	-	Cedar Rapids
Clark, Marshall Edgar	-	-	-	Cedar Rapids
Chandler, Raymond Charles	-	-	-	Cedar Rapids
Cook, Robert Sutherland	-	-	-	Cedar Rapids
Dawson, Olivia Brooks	-	-	-	Cedar Rapids
Faulkes, Alice Mary	-	-	-	Cedar Rapids

Forst, Agnes	-	-	-	-	-	Solon, Iowa
Forst, Anna Edith	-	-	-	-	-	Solon, Iowa
Gay, John Oscar	-	-	-	-	-	LaPorte City, Iowa
Gist, Julian Hurlburt	-	-	-	-	-	Cedar Rapids
Gist, Nathan Howard	-	-	-	-	-	Cedar Rapids
Heinze, Myrtle Alberta	-	-	-	-	-	Cedar Rapids
Hormel, Gertrude	-	-	-	-	-	Cedar Rapids
Kirk, Marjorie	-	-	-	-	-	Cedar Rapids
Larimer, Arthur Edwin	-	-	-	-	-	Cedar Rapids
Lubbock, Myron	-	-	-	-	-	Cedar Rapids
McCormick, Gertrude	-	-	-	-	-	Cedar Rapids
Munger, Elsie Lillian	-	-	-	-	-	Cedar Rapids
Niles, Frederick	-	-	-	-	-	Cedar Rapids
Railsback, Gary	-	-	-	-	-	Palo, Iowa
Reynolds, Ella Martha	-	-	-	-	-	Sylvia, Iowa
Robertson, Bessie Charlotte	-	-	-	-	-	Glascott P. O., Ontario
Shepardson, Elizabeth	-	-	-	-	-	Cedar Rapids
Stewart, Alice Belle	-	-	-	-	-	Cedar Rapids
Stookey, Robert Marshall	-	-	-	-	-	Marion, Iowa
Welsh, Oliver Edgar	-	-	-	-	-	Cedar Rapids

SPECIAL.

Bird, Albia	-	-	-	-	-	Cedar Rapids
Bendixen, Alfred	-	-	-	-	-	Gladbrook, Iowa
Blain, Laura Rhoads	-	-	-	-	-	Cedar Rapids
Cargill, Julia Louise	-	-	-	-	-	Sioux City, Iowa
Colgon, Carolyn Edna	-	-	-	-	-	Fairfax, Iowa
Crouse, Mary Pauline	-	-	-	-	-	Waterloo, Iowa
Daniels, Marie	-	-	-	-	-	Marion, Iowa
DeBerard, Walter Montague	-	-	-	-	-	Fairfax, Iowa
Deacon, Wm. M.	-	-	-	-	-	Cedar Rapids
Dix, Helen May	-	-	-	-	-	Cedar Rapids
Douglas, Edward Bruce	-	-	-	-	-	Cedar Rapids
Ferguson, Arthur Edwin	-	-	-	-	-	Cedar Rapids
Fox, Merritt Liddle	-	-	-	-	-	Cedar Rapids

Gibson, Chas. Bradley	-	-	-	Cedar Rapids
Goodman, Sarah Jane	-	-	-	Anamosa, Iowa
Harvey, Earl Renshaw	-	-	-	Kenwood Park, Iowa
Hickox, Grace Cordelia	-	-	-	Cedar Rapids
Higley, Harvey Douglas	-	-	-	Cedar Rapids
Hughes, Irma Threlkeld	-	-	-	Williamsburg, Iowa
Jones, Chas. M.	-	-	-	Columbus, Ohio
Jones, Harold Lewis	-	-	-	Cedar Rapids
Kubias, Vincy Oren	-	-	-	Dexter, Iowa
Mulford, Minnie Maud	-	-	-	Cedar Rapids
Nyere, George Louis	-	-	-	Cedar Rapids
Olds, Minnie Leora	-	-	-	Tipton, Iowa
Richardson, Nellie	-	-	-	Cedar Rapids
Saner, Curtiss Charles	-	-	-	Cedar Rapids
Sprague, Mabel	-	-	-	Cedar Rapids
Swab, Chas. Casper	-	-	-	Cedar Rapids
Tollifson, Thomas Franklin	-	-	-	High Lake, Iowa

SUMMER SCHOOL OF 1899.

Anderson, Emma	.	.	.	Cedar Rapids
Anderson, J. T.	.	.	.	Washington, Minn.
Archer, Arilla	.	.	.	Cedar Rapids
Aussieker, Meta	.	.	.	Cedar Rapids
Cattell, Joseph	.	.	.	Ely, Iowa
Clark, C. F.	.	.	.	Cedar Rapids
Cooper, Mabel	.	.	.	Cedar Rapids
Courtney, Belle	.	.	.	Springville, Iowa
Chambers, Lou	.	.	.	Cedar Rapids
Dice, Alta	.	.	.	Cedar Rapids
Edgar, Eva	.	.	.	Marion, Iowa
Esrey, Mary	.	.	.	Cedar Rapids
Fordyce, Emma	.	.	.	Cedar Rapids
Fordyce, Lizzie	.	.	.	Cedar Rapids
Fuller, Minnie	.	.	.	Cedar Rapids
Grother, Euphemia	.	.	.	Cedar Rapids

Grunewald, Emma	Blairstown, Iowa
Harvey, Earl	Kenwood Park, Iowa
Howe, Edith	Kenwood Park, Iowa
Krebs, Jennie	Cedar Rapids
Lees, J. H.	Cedar Rapids
McCormick, James	Cedar Rapids
McKinlay, Dora	Cedar Rapids
Miles, Lillian	Fayette, Iowa
Mulholland, Josephine	Cedar Rapids
Mulford, Maude	Cedar Rapids
Niles, Alice	Cedar Rapids
North, Anna	Cedar Rapids
Nyere, George L.	Cedar Rapids
Passmore, J. H.	Lima, Ill.
Perkins, Fred	Cedar Rapids
Post, Jennie	Cedar Rapids
Pratt, Clara	Shellsburg, Iowa
Prescott, Fannie	Cedar Rapids
Ramsdale, Cora	Cedar Rapids
Safely, Belle	Cedar Rapids
Sherwood, Nellie	Cedar Rapids
Shields, Grace	Cedar Rapids
Smith, May	Cedar Rapids
Smith, Sadie	Cedar Rapids
Stout, Charlotta	Cedar Rapids
Swab, Charles	Cedar Rapids
Swem, Otie	Cedar Rapids
Thompson, Laura	Cedar Rapids
Welch, Hattie	Cedar Rapids
Young, Lottie	Cedar Rapids
Zeik, Anna	Cedar Rapids
Zeik, Mary	Cedar Rapids

MUSIC STUDENTS.

Anderson, Mary	Fayette, Iowa
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Applegate, Blanche	Monticello, Iowa
Burroughs, Charles	Cedar Rapids
Bendixen, Alfred	Gladbrook, Iowa
Crimmins, L.	Cedar Rapids
Crammond, Charles	Algona, Iowa
Consigny, Lilian	Cedar Rapids
Cargill, Louise	Sioux City, Iowa
Dawson, Olivia	Cedar Rapids
Daniels, Mary E.	Cedar Rapids
Dorwart, George	Cedar Rapids
Dix, Helen May	Cedar Rapids
Fagan, Thomas L.	Onslow, Iowa
Fletcher, John	Cedar Rapids
Fox, Martha	Cedar Rapids
Hughes, Irma	Williamsburg, Iowa
Hayford, Jennie	Cedar Rapids
Hill, Ethel C.	Mechanicsville, Iowa
Hamilton, Louise	Cedar Rapids
Jones, Raymond E.	Cedar Rapids
Kliebenstein, Emma	Ackley, Iowa
Kearns, Clyde	Springville, Iowa
Liddle, Maude	Cedar Rapids
Mihills, Emily	Cedar Rapids
McMillan, Florence	Cedar Rapids
Munger, Elsie	Cedar Rapids
Meister, Emma	La Porte City, Iowa
Metcalf, Allan	Cedar Rapids
McKinney, Maude	Dysart, Iowa
McGrew, Florence	Kenwood Park, Iowa
Poyneer, Lotta	Williamsburg, Iowa
Pettit, Maurice	Cedar Rapids
Rorbach, S. Clark	Cedar Rapids
Rhodes, Jennie R.	Shreveport, La.
Smith, Irma	Cedar Rapids

Smith, Frank V. A.	Cedar Rapids
Sunberg, Ole	Cedar Rapids
Stewart, Lee	Cedar Rapids
Sargent, Grace	Grundy Center, Iowa
Saner, Kurt	Cedar Rapids
Saner, Claude	Cedar Rapids
Shaver, Esther	Cedar Rapids
Simmons, Althea	Cedar Rapids
Tisdale, Harry	Cedar Rapids
Watson, Maud	Cedar Rapids
Wettstein, Maude	La Porte City, Iowa
Ware, May	Fayette, Iowa
Wyant, Mary F.	Shellsburg, Iowa
Youel, John E.	Atkins, Iowa

† Those who have more conditions than permissible.

SUMMARY.

Collegiate—

Post Graduates.....	5
Seniors.....	10
Juniors.....	17
Sophomores.....	26
Freshmen.....	47
Specials.....	30

Total..... 135

Academic..... 73

Summer School of 1899..... 48

Musical..... 49

Total..... 305

Deduct those enrolled twice..... 19

Net Total..... 286

ALUMNI ASSOCIATION.

Following are the officers of the Alumni Association:

President—Prof. S. W. Stookey, Cedar Rapids, Iowa.

Secretary—Miss Abbie Hall, Cedar Rapids, Iowa.

Special Notice.

This Catalogue has been printed by the courtesy of the fol-

Errata.

The following names were omitted from the list of students:

FRESHMAN.

Oxley, Marvin	- - - - -	Marion, Iowa
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ACADEMY—SECOND YEAR.

Hurst, Hattie	- - - - -	Charles City, Iowa
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SPECIAL.

Ladd, Nan G.	- - - - -	Cedar Rapids
Sebern, William	- - - - -	Vinton, Iowa

Cedar Rapids Savings Bank.

D. H. Kurtz, Wholesale Flour, Coal, and Wood.

T. M. Sinclair & Co. Ltd., Fidelity Meats and Sinclair Lard.

George A. Mullin, Bookseller and Stationer.

James A. Snyder, Fine Shoes.

The Northwestern Mutual Life Insurance Co., H. A. Munger,

Gen. Agt., C. D. Van Vechten, Associate Gen. Agt.

Kubias & Martinek, Hardware, Mantles and Grates; Plumbing
and Steam Fitting a specialty.

M. Ford, Barber Shop and Turkish Bath Parlors.

F. A. Hall, Books and Fancy Stationery.

J. H. Taft & Co., Dry Goods.

Citizens National Bank.

Smith, Frank V. A.	.	.	.	Cedar Rapids
Sunberg, Ole	.	.	.	Cedar Rapids
Stewart, Lee	.	.	.	Cedar Rapids
Sargent, Grace	.	.	.	Grundy Center, Iowa
Saner, Kurt	.	.	.	Cedar Rapids

Specials

Total	135
Academic	73
Summer School of 1899	48
Musical	49
Total	305
Deduct those enrolled twice	19
Net Total	286

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Secretary—Miss Abbie Hall, Cedar Rapids, Iowa.

Special Notice.

This Catalogue has been printed by the courtesy of the following prominent business houses of Cedar Rapids, friends and supporters of Coe College:

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T. M. Sinclair & Co. Ltd., Fidelity Meats and Sinclair Lard.

George A. Mullin, Bookseller and Stationer.

James A. Snyder, Fine Shoes.

The Northwestern Mutual Life Insurance Co., H. A. Munger,

Gen. Agt., C. D. Van Vechten, Associate Gen. Agt.

Kubias & Martinek, Hardware, Mantles and Grates; Plumbing and Steam Fitting a specialty.

M. Ford, Barber Shop and Turkish Bath Parlors.

F. A. Hall, Books and Fancy Stationery.

J. H. Taft & Co., Dry Goods.

Citizens National Bank.

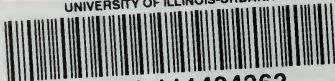
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